

Textile Inks

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Plastisol

Texiplast®

Ecofriendly Plastisols

(TXP)

Atomix® Matching System

TXP Neutral SQ Mix Base

P6256 - Texiplast® Ecofriendly Plastisols

TXP Neutral SQ Mix Base, is a neutral plastisol base belonging to Texiplast® Series from PRINTOP®. It has been specially formulated to be used as color reducer or extender and it can also be pigmented and printed over light fabrics. It should be mixed with TXP Pigment to obtain the desired color. This product can also be used with Atomix Color System to obtain PANTONE® colors (only for the following systems: TXP Atomix and TXP Pgm Atomix) . This product is phthalate free.

Main Features:

- Flexible ink film, it won't harden the fabric.
- Elastic ink film.
- Excellent adherence.
- Soft hand.

Tips/Directions:

Apply one layer and cure.

Suggested Formulations:

To obtain different colors:

1kg->TXP Neutral SQ Mix Base.

40g (4%)-> TXP Pigments.

Observations:

- Always perform a complete test of finishes, shades, curing and washing before serial production. The given information in this TDS is based on our good faith and experience, therefore there isn't an explicit warranty neither implicitly to any multiple forms, variables, application conditions, fibers diversities and current materials. The user must determine the adaptability and applicability of the product for the intended use, proving all the described properties on the present TDS, assuming all risks and direct and indirect consequences of the intended use.

The formulations of all Atomix® ink mixtures of Printop only produce simulation for Pantone Colors. The accuracy of the colors may be affected due the choice of the ink film on thickness, opacity, metamerism and pigment. PANTONE® and other Pantone, Inc. brands are property of Pantone, Inc. Portions © Pantone, Inc., 2007.

Recommendations:

- If it's desired to color with large pigment quantities, add TXP Resin ACR as reinforcing.

- Its use is recommended to low the color intensity of the TXP Process.

Do not iron the printed area, do not dry-clean.

It is necessary to stir the product before printing.

Technical Table	
Version	7.0 Rev. 21/04/2015
Application	Screen Printing
Nature	Textile base to plastisol
Substrate	100% cotton, Cotton + polyester blends
Emulsion	Direct
Mesh N°	32 – 120 (th/cm) 83 – 305 (th/in)
Squeegee - Type	Polyurethane
Squeegee - Durometer	70
Squeegee - Profile	Rectangular
Curing	Dryer: 160° C (320°F) / 60s
Thermal Transfer	Heat Transfer Press: 160° C (320°F)/15s Pressure 60 lb/sqin (psi)
Related Additives	TXP Curable Reducer Plus = Viscosity reducer / TXP Thickener Powder = Viscosity increaser
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request.
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 20 kg Bucket, 5 Gl HDPE cont
Best If Used Within	12 months.

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Ecofriendly: Phthalate-free. No contains DEHP-DOP, DnOP, DBP, BBP, DINP, DIDP, DIBP.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

It's the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

The information on this Technical Data Sheet is based on our good faith and experience, therefore, it does not constitute in any way implicit or explicit warranty or liability due to the multiple ways, factors, application conditions and variety of existing fibers and materials beyond our control. The user must determine the applicability and the adaptability of the product for his particular intended use verifying all the properties and features described on this Technical Data Sheet, assuming for it all the risks, damages and consequences direct and indirect that this use supposes. Refer to the website for the latest version of this data sheet before using the product. All previous editions of this version and revision date are void.

TXP PC Atomix WOW Mix Base

P8596 - Texiplast® Ecofriendly Plastisols

TXP PC Atomix WOW Mix Base, is a textile plastisol base phthalate free belonging to TEXIPLAST® series from Printop®. It has been specially formulated to be printed wet on wet and to be used on high productivity when great volume of work is needed. It allows longer printings because of its low build up left on the mesh. Also, this product can be used as base for TXP PC Atomix® System.

Main Features:

- Allows wet on wet printing.
- Allows obtaining colors with good opacity.
- Flexible ink film, it won't harden the fabric.
- Elastic ink film.
- Soft hand.

Tips/Directions:

Light fabrics:
Apply one layer, pre-dry and cure.

Dark fabrics:
Apply one layer, pre-dry, repeat and cure.

Suggested Formulations:

Available through Atomix System.

Observations:

- The formulations of all Atomix® ink mixtures of Printop only produce simulation for Pantone Colors. The accuracy of the colors may be affected due the choice of the ink film on thickness, opacity, metamerism and pigment. PANTONE® and other Pantone, Inc. brands are property of Pantone, Inc. Portions © Pantone, Inc., 2007.

Recommendations:

Do not iron the printed area, do not dry-clean.
It is necessary to stir the product before printing.

Technical Table	
Version	1.0 Rev. 16/04/2015
Application	Screen Printing
Nature	Plastisol textile ink
Substrate	100% cotton, Cotton + polyester blends
Emulsion	Direct
Mesh N°	61 – 90 (th/cm) 156 – 230 (th/in)
Squeegee - Type	Polyurethane
Squeegee - Durometer	70
Squeegee - Profile	Square
Curing	Dryer: 160° C (320°F) / 60s
Thermal Transfer	Heat Transfer Press: 160° C (320°F)/15s Pressure 60 lb/sqin (psi)
Related Additives	--
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request
Presentation	Container: plastic. Modality: 1 kg Bucket, 25 kg Bucket, 100 kg Bucket, 5 GI HDPE cont
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Ecofriendly: Phthalate-free. No contains DEHP-DOP, DnOP, DBP, BBP, DINP, DIDP, DIBP.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

It's the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.
The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

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TXP PC Atomix Opaque Mix Base

P6380 - Texiplast® Ecofriendly Plastisols

TXP PC Atomix Opaque Mix Base, is a textile plastisol base belonging to the TEXIPLAST® series from PRINTOP®. It has been specially formulated to be mixed with pigments of the TXP PC Atomix® system and to improve its opacity on dark fabrics without altering its color intensity. This product is phthalate free.

Main Features:

- Allow obtaining good opacity colors.
- Flexible ink film, it won't harden the fabric.
- Elastic ink film.
- Soft hand.

Tips/Directions:

Light fabrics:
Apply one layer, pre-dry and cure.

Dark fabrics:
Apply one layer, pre-dry, repeat and cure.

Suggested Formulations:

Available through Atomix System.

Observations:

- The formulations of all Atomix® ink mixtures of Printop only produce simulation for Pantone Colors. The accuracy of the colors may be affected due to the choice of the ink film on thickness, opacity, metamerism and pigment. PANTONE® and other Pantone, Inc. brands are property of Pantone, Inc. Portions © Pantone, Inc., 2007.

Recommendations:

Do not iron the printed area, do not dry-clean.
It is necessary to stir the product before printing.

Technical Table	
Version	2.0 Rev. 16/04/2015
Application	Screen Printing
Nature	Plastisol textile ink
Substrate	100% cotton, Cotton + polyester blends
Emulsion	Direct
Mesh N°	32 – 120 (th/cm) 83 – 305 (th/in)
Squeegee - Type	Polyurethane
Squeegee - Durometer	70
Squeegee - Profile	Square
Curing	Dryer: 160° C (320°F) / 60s
Thermal Transfer	Heat Transfer Press: 160° C (320°F)/15s Pressure 60 lb/sqin (psi)
Related Additives	TXP Curable Reducer Plus = Viscosity reducer / TXP Thickener Powder = Viscosity increaser
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request
Presentation	Container: plastic. Modality: 1 kg Bucket, 25 kg Bucket, 5 kg Bucket, 100 kg Bucket, 5 Gl HDPE cont
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Ecofriendly: Phthalate-free. No contains DEHP-DOP, DnOP, DBP, BBP, DINP, DIDP, DIBP.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

It's the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals. The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

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TXP PC Atomix®

Texiplast® Ecofriendly Plastisols

TXP PC Atomix®, is a plastisol (PVC) pigment concentrate matching system belonging to the Texiplast® Series from PRINTOP®. It is composed by 14 pigments plus an opaque extender base that when mixed together simulate PANTONE® colors quickly and accurately. The formulas and mixture percentages of TXP PC Atomix are available on the Atomix® software from where it's promoted its use with enhanced and user-friendly tools. This product is phthalate free.

Main Features:

- Only 14 pigments concentrate plus an opaque extender base
- Brilliant and clean colors.
- Allows to get intense shades.

Tips/Directions:

Apply one layer and cure.

Suggested Formulations:

Available through Atomix System.

TXP PC Atomix® Products :

	Code	Product
1	P6380	TXP PC Atomix Opaque Mix Base
2	P8256	TXP PC Atomix Yellow-II
3	P6130	TXP PC Atomix Violet
4	P6125	TXP PC Atomix Blue RQ
5	P6124	TXP PC Atomix Blue 1500
6	P6123	TXP PC Atomix Blue B
7	P6128	TXP PC Atomix Green
8	P6129	TXP PC Atomix Black
9	P6120	TXP PC Atomix White
10	P6122	TXP PC Atomix Lemon MX**
11	P6127	TXP PC Atomix Red MX**
12	P6126	TXP PC Atomix Magenta MX**
13	P6131	TXP PC Atomix Fluo Yellow DTA FF*
14	P6132	TXP PC Atomix Fluo Orange DTA FF*
15	P6134	TXP PC Atomix Fluo Fuchsia DTA FF*

Note:

TXP PC Atomix Fluo Rose DTA FF* P6133 is also available.

*These pigments show migration.

**Available in No-Migration version:

TXP PC Atomix Magenta NM.....P7013

TXP PC Atomix Red NM.....P7014

TXP PC Atomix Lemon NM.....P7015

Observations:

The formulations of all Atomix® ink mixtures of Printop only produce simulation for Pantone Colors. The colors accuracy may be affected due the choice of the ink film on thickness, opacity, metamerism and pigment. PANTONE® and other Pantone, Inc. brands are property of Pantone, Inc. Portions © Pantone, Inc., 2007.

Recommendations:

- Carefully read the Atomix® manual before using the product.

- The internal technical specifications used at Printop® for the approval of TXP PC Atomix formulas are the following: Mesh N° 90(h/cm) 230(th/in), strength: 20 Newtons, out of contact: 2mm, 70 durometer (shore) squeegee with square profile, one layer over 100% white cotton jersey. Colors were approved under fluorescents 6500K (D65-day light). This specification must be taken into account in order to obtain similar results. PRINTOP® and its partners do not assume any responsibility for the color obtained.

- The TXP PC Atomix formulas must be weighed on a scale with 0.01 gram of accuracy for batches less than 1kg and 0.1 gram accuracy for batches higher than 1kg.

- The variety of colors, types of substrates, mesh count and ink deposit may cause variations in the color intensity and opacity. You can start creating your own color library by adjusting the formulas to your most used printing parameters.

Do not iron the printed area, do not dry-clean.

It is necessary to stir the product before printing.

Technical Table

Version	4.0 Rev. 16/04/2015
Application	Screen Printing
Nature	Textile pigment to plastisol
Substrate	100% cotton, Cotton + polyester blends
Emulsion	Direct
Mesh N°	32 – 120 (th/cm) 83 – 305 (th/in)
Squeegee - Type	Polyurethane
Squeegee - Durometer	70
Squeegee - Profile	Square
Curing	Dryer: 160° C (320°F) / 60s
Thermal Transfer	--
Related Additives	--
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 20 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Ecofriendly: Phthalate-free. No contains DEHP-DOP, DnOP, DBP, BBP, DINP, DIDP, DIBP.

Free from Formaldehyde and Organotin compounds.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

It's the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Quimica Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

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TXP Atomix Opaque Mix Base

P6780 - Texiplast® Ecofriendly Plastisols

TXP Atomix Opaque Mix Base, is a textile plastisol base belonging to Texiplast® series from PRINTOP®. It has been specially formulated to increase the opacity of PANTONE® formulas from the Atomix Color System (only for TXP Atomix and TXP PGM Atomix systems). This base can be used in place of TXP Neutral SQ Mix Base (standard neutral base) when it's needed to improve the opacity of the formula. To activate this option check on "Greater opacity" at "Formulation Types" in the software Atomix. This product is phthalate free.

Main Features:

- Allow to obtain colors with good opacity.
- Flexible ink film, it won't harden the fabric.
- Elastic ink film.
- Soft hand.

Tips/Directions:

Light fabrics:
Apply one layer and cure.

Dark fabrics:
Apply on layer, pre-dry, repeat and cure.

Suggested Formulations:

Available through Atomix System.

Observations:

The formulations of all Atomix® ink mixtures of Printop only produce simulation for Pantone Colors. The colors accuracy may be affected due the choice of the ink film on thickness, opacity, metamerism and pigment. PANTONE® and other Pantone, Inc. brands are property of Pantone, Inc. Portions © Pantone, Inc., 2007.

Recommendations:

Do not iron the printed area, do not dry-clean.
It is necessary to stir the product before printing.

Technical Table	
Version	4.0 Rev. 16/04/2015
Application	Screen Printing
Nature	Textile base to plastisol
Substrate	100% cotton, Cotton + polyester blends
Emulsion	Direct
Mesh N°	32 – 90 (th/cm) 83 – 230 (th/in)
Squeegee - Type	Polyurethane
Squeegee - Durometer	70
Squeegee - Profile	Square
Curing	Dryer: 160° C (320°F) / 60s
Thermal Transfer	Heat Transfer Press: 160° C (320°F)/15s Pressure 60 lb/sqin (psi)
Related Additives	TXP Curable Reducer Plus = Viscosity reducer / TXP Thickener Powder = Viscosity increaser
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 20 kg Bucket, 1 Gl Bucket, 5 Gl Bucket, 55 Gl Drum
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Ecofriendly: Phthalate-free. No contains DEHP-DOP, DnOP, DBP, BBP, DINP, DIDP, DIBP.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

It's the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

The information on this Technical Data Sheet is based on our good faith and experience, therefore, it does not constitute in any way implicit or explicit warranty or liability due to the multiple ways, factors, application conditions and variety of existing fibers and materials beyond our control. The user must determine the applicability and the adaptability of the product for his particular intended use verifying all the properties and features described on this Technical Data Sheet, assuming for it all the risks, damages and consequences direct and indirect that this use supposes. Refer to the website for the latest version of this data sheet before using the product. All previous editions of this version and revision date are void.

TXP Atomix®

Texiplast® Ecofriendly Plastisols

TXP Atomix®, is a plastisol (PVC) ink color matching system belonging to the Texiplast® series from PRINTOP®. It is composed by 15 ready-to-use pigmented inks plus a base that when mixed together simulate PANTONE® colors quickly and accurately. The formulations and percentages of the mixture of TXP Atomix are available on the Atomix® software from where it's promoted its use with enhanced and user-friendly tools. This product is phthalate free.

Main Features:

- Only 15 plastisol inks plus a neutral base.
- Clean and brilliant colors.
- Flexible ink film, it won't harden the fabric.
- Excellent adherence.
- Soft hand.

Tips/Directions:

Apply one layer and cure.

Suggested Formulations:

Available through Atomix System.

TXP Atomix® Products :

	Code	Product
1	P6256	TXP Neutral SQ Mix Base
2	P6780	TXP Atomix Opaque Mix Base
3	P3975	TXP Atomix Fluo Yellow
4	P3968	TXP Atomix Lemon NM
5	P3967	TXP Atomix Yellow
6	P3973	TXP Atomix Fluo Orange
7	P3969	TXP Atomix Red NM
8	P3979	TXP Atomix Fluo Rose
9	P3976	TXP Atomix Fluo Fuchsia
10	P3971	TXP Atomix Magenta NM
11	P3977	TXP Atomix Violet
12	P3974	TXP Atomix Blue RQ
13	P3978	TXP Atomix Blue 1500
14	P3980	TXP Atomix Blue B
15	P3970	TXP Atomix Green
16	P3981	TXP Atomix Black
17	P6248	TXP White SQ
Optional:		
18	P2898	TXP White SQ PHT-FREE
19	P4300	TXP Neutral SQ PHT-FREE

Observations:

- Always perform a complete test of finishes, shades, curing and washing before serial production. The given information in this TDS is based on our good faith and experience, therefore there isn't an explicit warranty neither implicitly to any multiple forms, variables, application conditions, fibers diversities and current materials. The user must determine the adaptability and applicability of the product for the intended use, proving all the described properties on the present TDS, assuming all risks and direct and indirect consequences of the intended use.

- The formulations of all Atomix® ink mixtures of Printop only produce simulation for Pantone Colors. The colors accuracy may be affected due the choice of the ink film on thickness, opacity, metamerism and pigment. PANTONE® and other Pantone, Inc. brands are property of Pantone, Inc. Portions © Pantone, Inc., 2007.

Recommendations:

- Carefully read the Atomix manual before using the product.

- The internal technical specifications used at Printop® for the approval of TXP Atomix formulas are the following: Mesh N° 43(h/cm) 110(th/in), strength: 20 Newtons, out of contact: 2mm, 70 durometer (shore) squeegee with square profile, one layer over 100% white fabric. Colors were approved under fluorescents 6500K (D65-day light). This specification must be taken into account in order to obtain similar results. PRINTOP® and its partners do not assume any responsibility for the color obtained.

- The TXP Atomix formulas must be weighed on a scale with 0.01 gram of accuracy for batches less than 1kg and 0.1 gram accuracy for batches higher than 1kg.

- The variety of colors, types of substrates, mesh count and ink deposit may cause variations in the color intensity and opacity. You can start creating your own color library by adjusting the formulas to your most used printing parameters.

Technical Table	
Version	7.0 Rev. 22/04/2015
Application	Screen Printing
Nature	Plastisol textile ink
Substrate	100% cotton, Cotton + polyester blends
Emulsion	Direct
Mesh N°	43 – 90 (th/cm) 110 – 230 (th/in)
Squeegee - Type	Polyurethane
Squeegee - Durometer	70
Squeegee - Profile	Square
Curing	Dryer: 160° C (320°F) / 60s
Thermal Transfer	Heat Transfer Press: 160° C (320°F)/12s Pressure 60 lb/sqin (psi)
Related Additives	TXP Curable Reducer Plus = Viscosity reducer / TXP Thickener Powder = Viscosity increaser
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 20 kg Bucket, 5 Gl HDPE cont
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Ecofriendly: Phthalate-free. No contains DEHP-DOP, DnOP, DBP, BBP, DINP, DIDP, DIBP.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

It's the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

It is necessary to stir the product before printing.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

The information on this Technical Data Sheet is based on our good faith and experience, therefore, it does not constitute in any way implicit or explicit warranty or liability due to the multiple ways, factors, application conditions and variety of existing fibers and materials beyond our control. The user must determine the applicability and the adaptability of the product for his particular intended use verifying all the properties and features described on this Technical Data Sheet, assuming for it all the risks, damages and consequences direct and indirect that this use supposes. Refer to the website for the latest version of this data sheet before using the product. All previous editions of this version and revision date are void.

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TXP White SQ

P6248 - Texiplast® Ecofriendly Plastisols

TXP White SQ, is a white textile plastisol ink belonging to Texiplast® Series from PRINTOP®. It has been specifically developed to achieve good coverage over dark fabrics. Its optimum viscosity enables a uniform surface film. TXP White SQ is a product adaptable to different printing applications. It does not contain peroxides or oxidizers therefore it does not create "ghosts" or discolorations. This product is also used in the Atomix Color System (Only for systems: TXP Atomix and TXP Pgm Atomix) to obtain PANTONE® colors. This product is phthalate free.

Main Features:

- Good coverage over dark fabrics.
- Creamy white ink.
- Flexible ink film, it won't harden the fabric.
- Elastic ink film.
- Soft hand.

Tips/Directions:

Apply one layer, pre-dry, repeat and cure.

Suggested Formulations:

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Observations:

The formulations of all Atomix® ink mixtures of Printop only produce simulation for Pantone Colors. The accuracy of the colors may be affected due to the choice of the ink film on thickness, opacity, metamerism and pigment. PANTONE® and other Pantone, Inc. brands are property of Pantone, Inc. Portions © Pantone, Inc., 2007.

Recommendations:

Do not iron the printed area, do not dry-clean.
It is necessary to stir the product before printing.

Technical Table	
Version	7.0 Rev. 22/04/2015
Application	Screen Printing
Nature	Plastisol textile ink
Substrate	100% cotton
Emulsion	Direct
Mesh N°	32 – 120 (th/cm) 83 – 305 (th/in)
Squeegee - Type	Polyurethane
Squeegee - Durometer	70
Squeegee - Profile	Square edge
Curing	Dryer: 160° C (320°F) / 60s
Thermal Transfer	Heat Transfer Press: 160° C (320°F)/15s Pressure 60 lb/sqin (psi)
Related Additives	TXP Curable Reducer Plus = Viscosity reducer / TXP Thickener Powder = Viscosity increaser
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available upon request.
Presentation	Container: plastic. Modality: 1 kg Bucket, 25 kg Bucket, 5 kg Bucket, 100 kg Bucket, 5 Gl HDPE cont
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Ecofriendly: Phthalate-free. No contains DEHP-DOP, DnOP, DBP, BBP, DINP, DIDP, DIBP.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

It's the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

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Color Pallet

TXP Directs Colors

Texiplast® Ecofriendly Plastisols

TXP Directs Colors, are textile inks belonging to TEXIPLAST® Series from PRINTOP®. They are inks with basic colors ready for printing on light and dark fabrics. They have good coverage. They come in a very complete a range of colors. This product is phthalate free.

Main Features:

- Good coverage over dark fabrics.
- Intense colors.
- Flexible ink film, it won't harden the fabric.
- Excellent adherence.
- Soft hand.
- No pigment efflorescence

Tips/Directions:

Light fabrics:

Apply one layer, pre-dry and cure.

Dark fabrics:

Apply one layer, pre-dry, repeat and cure.

Suggested Formulations:

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TXP Directs Colors Products :

	Code	Product
1	P6211	TXP Direct Yellow 2000
2	P6210	TXP Direct Yellow PT
3	P6209	TXP Direct Yellow 1PR
4	P6212	TXP Direct Yellow 2002
5	P2121	TXP Direct Orange 7001 PHT-FREE
6	P6222	TXP Direct Red 3002XT
7	P6224	TXP Direct Red 3007XT
8	P6227	TXP Direct Red 3010 XT
9	P6225	TXP Direct Red 3008XT
10	P6226	TXP Direct Red 3009XT
11	P6229	TXP Direct Green 6002PR
12	P6214	TXP Direct Blue 5001PR
13	P6216	TXP Direct Blue 5003PR
14	P6217	TXP Direct Blue 5005PR
15	P6230	TXP Direct Violet 4002PR
16	P6219	TXP Direct Black Diamond
17	P8370	TXP Yellow FL Dir 400 FF
18	P8372	TXP Orange FL Dir 400 FF
19	P8376	TXP Red FL Dir 400 FF
20	P8371	TXP Rose FL Dir 400 FF
21	P8373	TXP Fuchsia FL Dir 400 FF
22	P8375	TXP Violet FL Dir 400 FF
23	P6450	TXP Blue FL Dir 764
24	P8374	TXP Green FL 400 FF
25	P6213	TXP Blue Dir 1000PR
26	P6215	TXP Blue Dir 5002PR
27	P6218	TXP Blue Dir Reflex
28	P9999	TXP Azul Dir 1000 KNIT

Observations:

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Recommendations:

Do not iron the printed area, do not dry-clean.

It is necessary to stir the product before printing.

Technical Table	
Version	6.0 Rev. 14/12/2015
Application	Screen Printing
Nature	Plastisol textile ink
Substrate	100% cotton, Cotton + polyester blends
Emulsion	Direct
Mesh N°	32 – 90 (th/cm) 83 – 230 (th/in)
Squeegee - Type	polyurethane
Squeegee - Durometer	70
Squeegee - Profile	Rectangular
Curing	Dryer: 160° C (320°F) / 60s
Thermal Transfer	Heat Transfer Press: 160° C (320°F)/12s Pressure 60 lb/sqin (psi)
Related Additives	TXP Curable Reducer Plus = Viscosity reducer / TXP Thickener Powder = Viscosity increaser
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request.
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 20 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Ecofriendly: Phthalate-free. No contains DEHP-DOP, DnOP, DBP, BBP, DINP, DIDP, DIBP.

PHT-FREE: Phthalate-free.

It's the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

The information on this Technical Data Sheet is based on our good faith and experience, therefore, it does not constitute in any way implicit or explicit warranty or liability due to the multiple ways, factors, application conditions and variety of existing fibers and materials beyond our control. The user must determine the applicability and the adaptability of the product for his particular intended use verifying all the properties and features described on this Technical Data Sheet, assuming for it all the risks, damages and consequences direct and indirect that this use supposes. Refer to the website for the latest version of this data sheet before using the product. All previous editions of this version and revision date are void.

Whites

TXP Miracle White

P8554 - Texiplast® Ecofriendly Plastisols

TXP Miracle White, is a white plastisol ink belonging to TEXIPLAST® Series from PRINTOP®. It was formulated as an ultra-high opacity white to be used as an underbase or as a stand-alone white. Its optimum viscosity allows printing through a very wide range of mesh counts and provides a very uniform surface for overprinting. It has ultra-fast flashing properties and no after- flash tack. With proper printing parameters it can achieve excellent coverage with a single printing stroke. It is free of all peroxides and oxidizers that can cause ghosting. TXP Miracle White is an optimal ink on 100% cotton and some light colored poly-cotton blends when absolute maximum coverage and minimum flash time are required.

Main Features:

- Flexible ink film, it won't harden the fabric.
- Elastic ink film.
- Fast flashing.
- Excellent adherence.
- Soft hand.
- Excellent coverage over dark fabrics.

Tips/Directions:

Can be printed with a single or double stroke or by print, pre-dry, print.

Suggested Formulations:

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Observations:

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Recommendations:

Due to ultra-fast flashability, be careful not to exceed the curing time because it could cause gloss problems.

Do not iron the printed area, do not dry-clean.

Technical Table	
Version	1.0 Rev. 22/04/2015
Application	Screen Printing
Nature	Plastisol textile ink
Substrate	100% cotton
Emulsion	Direct
Mesh N°	32 – 90 (th/cm) 83 – 230 (th/in)
Squeegee - Type	Polyurethane
Squeegee - Durometer	70
Squeegee - Profile	Square
Curing	Dryer: 160° C (320°F) / 60s
Thermal Transfer	--
Related Additives	TXP Curable Reducer Plus = Viscosity reducer / TXP Thickener Powder = Viscosity increaser
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination
MSDS	Available on request
Presentation	Container: plastic. Modality: 1 kg Bucket, 25 kg Bucket, 5 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108).

Ecofriendly: Phthalate-free. No contains DEHP-DOP, DnOP, DBP, BBP, DINP, DIDP, DIBP.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

It's the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

The information on this Technical Data Sheet is based on our good faith and experience, therefore, it does not constitute in any way implicit or explicit warranty or liability due to the multiple ways, factors, application conditions and variety of existing fibers and materials beyond our control. The user must determine the applicability and the adaptability of the product for his particular intended use verifying all the properties and features described on this Technical Data Sheet, assuming for it all the risks, damages and consequences direct and indirect that this use supposes. Refer to the website for the latest version of this data sheet before using the product. All previous editions of this version and revision date are void.

TXP Ultra White

P6249 - Texiplast® Ecofriendly Plastisols

TXP Ultra White, is a white textile plastisol ink belonging to TEXIPLAST® Series from PRINTOP®. It has been specially formulated to achieve an excellent coverage over dark fabrics. Its optimal viscosity enables to obtain a uniform surface film. It has an excellent coverage, allowing in most cases to print over dark fabrics with one ink layer only. This product is phthalate free.

Main Features:

- Excellent coverage over dark fabrics.
- Flexible ink film, it won't harden the fabric.
- Elastic ink film.
- Soft hand.

Tips/Directions:

Apply one layer, pre-dry, repeat and cure.

Suggested Formulations:

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Observations:

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Recommendations:

Do not iron the printed area, do not dry-clean.
It is necessary to stir the product before printing.

Technical Table	
Version	6.0 Rev. 22/04/2015
Application	Screen Printing
Nature	Plastisol textile ink
Substrate	100% cotton
Emulsion	Direct
Mesh N°	32 – 90 (th/cm) 83 – 230 (th/in)
Squeegee - Type	Polyurethane
Squeegee - Durometer	70
Squeegee - Profile	Square
Curing	Dryer: 160° C (320°F) / 60s
Thermal Transfer	Heat Transfer Press: 160° C (320°F)/12s Pressure 60 lb/sqin (psi)
Related Additives	TXP Curable Reducer Plus = Viscosity reducer / TXP Thickener Powder = Viscosity increaser
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available upon request.
Presentation	Container: plastic. Modality: 1 kg Bucket, 25 kg Bucket, 5 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Ecofriendly: Phthalate-free. No contains DEHP-DOP, DnOP, DBP, BBP, DINP, DIDP, DIBP.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

It's the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

The information on this Technical Data Sheet is based on our good faith and experience, therefore, it does not constitute in any way implicit or explicit warranty or liability due to the multiple ways, factors, application conditions and variety of existing fibers and materials beyond our control. The user must determine the applicability and the adaptability of the product for his particular intended use verifying all the properties and features described on this Technical Data Sheet, assuming for it all the risks, damages and consequences direct and indirect that this use supposes. Refer to the website for the latest version of this data sheet before using the product. All previous editions of this version and revision date are void.

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TXP White SQ

P6248 - Texiplast® Ecofriendly Plastisols

TXP White SQ, is a white textile plastisol ink belonging to Texiplast® Series from PRINTOP®. It has been specifically developed to achieve good coverage over dark fabrics. Its optimum viscosity enables a uniform surface film. TXP White SQ is a product adaptable to different printing applications. It does not contain peroxides or oxidizers therefore it does not create "ghosts" or discolorations. This product is also used in the Atomix Color System (Only for systems: TXP Atomix and TXP Pgm Atomix) to obtain PANTONE® colors. This product is phthalate free.

Main Features:

- Good coverage over dark fabrics.
- Creamy white ink.
- Flexible ink film, it won't harden the fabric.
- Elastic ink film.
- Soft hand.

Tips/Directions:

Apply one layer, pre-dry, repeat and cure.

Suggested Formulations:

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Observations:

The formulations of all Atomix® ink mixtures of Printop only produce simulation for Pantone Colors. The accuracy of the colors may be affected due to the choice of the ink film on thickness, opacity, metamerism and pigment. PANTONE® and other Pantone, Inc. brands are property of Pantone, Inc. Portions © Pantone, Inc., 2007.

Recommendations:

Do not iron the printed area, do not dry-clean.
It is necessary to stir the product before printing.

Technical Table	
Version	7.0 Rev. 22/04/2015
Application	Screen Printing
Nature	Plastisol textile ink
Substrate	100% cotton
Emulsion	Direct
Mesh N°	32 – 120 (th/cm) 83 – 305 (th/in)
Squeegee - Type	Polyurethane
Squeegee - Durometer	70
Squeegee - Profile	Square edge
Curing	Dryer: 160° C (320°F) / 60s
Thermal Transfer	Heat Transfer Press: 160° C (320°F)/15s Pressure 60 lb/sqin (psi)
Related Additives	TXP Curable Reducer Plus = Viscosity reducer / TXP Thickener Powder = Viscosity increaser
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available upon request.
Presentation	Container: plastic. Modality: 1 kg Bucket, 25 kg Bucket, 5 kg Bucket, 100 kg Bucket, 5 Gl HDPE cont
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Ecofriendly: Phthalate-free. No contains DEHP-DOP, DnOP, DBP, BBP, DINP, DIDP, DIBP.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

It's the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

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TXP White Plus

P6717 - Texiplast® Ecofriendly Plastisols

TXP White Plus, is a white plastisol textile ink belonging to Texiplast® series from from PRINTOP®. It has been specially formulated to obtain good coverage over dark fabrics. Its optimal viscosity provides a uniform surface film. This product is phthalate free.

Main Features:

- Flexible ink film, it won't harden the fabric.
- Elastic ink film.
- Will not dry in the screens.
- Optimum viscosity.
- Soft hand.
- Regular coverage over dark fabrics.

Tips/Directions:

Apply one layer, pre-dry, repeat and cure.

Suggested Formulations:

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Observations:

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Recommendations:

Do not iron the printed area, do not dry-clean.
It is necessary to stir the product before printing.

Technical Table	
Version	3.0 Rev. 22/04/2015
Application	Screen Printing
Nature	Plastisol textile ink
Substrate	100% cotton
Emulsion	Direct
Mesh N°	32 – 90 (th/cm) 83 – 230 (th/in)
Squeegee - Type	Polyurethane
Squeegee - Durometer	70
Squeegee - Profile	Square
Curing	Dryer: 160° C (320°F) / 60s
Thermal Transfer	Heat Transfer Press: 160° C (320°F)/15s Pressure 60 lb/sqin (psi)
Related Additives	TXP Curable Reducer Plus = Viscosity reducer / TXP Thickener Powder = Viscosity increaser
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request
Presentation	Container: plastic. Modality: 1 kg Bucket, 25 kg Bucket, 5 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Ecofriendly: Phthalate-free. No contains DEHP-DOP, DnOP, DBP, BBP, DINP, DIDP, DIBP.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

It's the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

The information on this Technical Data Sheet is based on our good faith and experience, therefore, it does not constitute in any way implicit or explicit warranty or liability due to the multiple ways, factors, application conditions and variety of existing fibers and materials beyond our control. The user must determine the applicability and the adaptability of the product for his particular intended use verifying all the properties and features described on this Technical Data Sheet, assuming for it all the risks, damages and consequences direct and indirect that this use supposes. Refer to the website for the latest version of this data sheet before using the product. All previous editions of this version and revision date are void.

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TXP Litho White

P6254 - Texiplast® Ecofriendly Plastisols

TXP Litho White, is a textile plastisol ink belonging to the TEXIPLAST® Series from PRINTOP®. It has been specially developed for thermal transfer of lithotransfer inks, so the offset printed image is transferred completely to the fabric. Its optimal viscosity allows to obtain a uniform and consistent film. The use of this ink is indispensable to get the Litho transfers tranfers when working on dark fabrics. This product is phthalate free.

Main Features:

- Allows the transfer of Lithotransfer inks
- Flexible ink film, it won't harden the fabric.
- Elastic ink film.
- Optimum viscosity.
- Soft hand.
- White creamy ink.
- Good coverage over dark fabrics.

Tips/Directions:

Light fabrics:
To apply one layer, pre-dry and cure.

Dark fabrics:
To apply one layer, pre-dry, repeat and cure.

Pre-drying:
Dryer: 320°F (160 °C)/10s.

Suggested Formulations:
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Observations:
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Recommendations:

For major adhesion to garments where rubbing and washing are demanding, specially on synthetic fabrics, we recommend using Transafix 800 powder adhesive (sprinkled on the wet layer of TXP Litho White).

Also, please refer to the Lithotransfer Inks data sheet for directions on the offset printing.
Do not iron the printed area, do not dry-clean.
It is necessary to stir the product before printing.

Technical Table	
Version	6.0 Rev. 23/04/2015
Application	Screen Printing
Nature	Plastisol textile ink
Substrate	100% cotton
Emulsion	Direct
Mesh N°	43 (th/cm) 110 (th/in)
Squeegee - Type	polyurethane
Squeegee - Durometer	70
Squeegee - Profile	Rectangular
Curing	--
Thermal Transfer	Heat Transfer Press: 160° C (320°F)/10 - s Pressure 40 lb/sqin (psi)
Related Additives	Transafix 800 / TXP Curable Reducer Plus = Viscosity reducer / TXP Thickener Powder = Viscosity increaser
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request.
Presentation	Container: plastic. Modality: 1 kg Bucket, 25 kg Bucket, 5 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Ecofriendly: Phthalate-free. No contains DEHP-DOP, DnOP, DBP, BBP, DINP, DIDP, DIBP.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

It's the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.
The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

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TXP White AD-100

P9653 - Texiplast® Ecofriendly Plastisols

TXP White AD-100, is a white textile plastisol ink belonging to the Texiplast® Series from PRINTOP®. It has been specifically developed to achieve good coverage over dark fabrics. Its optimum viscosity enables a uniform surface film. This product is phthalate free.

Main Features:

- Excellent elasticity.
- Good opacity on dark garments.
- Soft hand.

Tips/Directions:

Apply one layer, pre-dry, repeat and cure.

Suggested Formulations:

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Observations:

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Recommendations:

Do not iron the printed area, do not dry-clean.

Technical Table	
Version	1.0 Rev. 27/11/2015
Application	Screen Printing
Nature	Plastisol textile ink
Substrate	100% cotton
Emulsion	Direct
Mesh N°	43 – 61 (th/cm) 110 – 156 (th/in)
Squeegee - Type	Polyurethane
Squeegee - Durometer	70
Squeegee - Profile	Square
Curing	Dryer: 160° C (320°F) / 60s
Thermal Transfer	--
Related Additives	--
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 20 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Ecofriendly: Phthalate-free. No contains DEHP-DOP, DnOP, DBP, BBP, DINP, DIDP, DIBP.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

It's the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

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TXP White LB-MX

P8858 - Texiplast® Ecofriendly Plastisols

TXP White LB-MX, is a white plastisol ink belonging to the **TEXIPLAST®** series from **PRINTOP®**. This product was specially formulated to print on polyester-cotton fabrics where migration or dye transfer from the fabric to the printing occurs. The use of this product reduces migration problems, will not eliminate it entirely. However, we recommend the user to carry out all relevant tests to ensure that desired results are achieved. In some cases, migration tests could take many days to occur. In all cases, effectiveness can't be guaranteed. It can produce discoloration or ghosting in some fabrics (it's recommended to perform previous tests). This product is phthalate free.

Main Features:

- Reduces colorant migration of the fabric to the printing.
- Good opacity on dark garments.
- Excellent elasticity.

Tips/Directions:

Apply one layer, flash, repeat and cure.

Suggested Formulations:

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Observations:

It must not be printed on 100% cotton, could have a ghost image that appear around the printing area.

Dye migration from the fabric might occur several days after printed. Due to the great diversity of existing fibers, we can not guarantee its effectiveness in all cases.

Recommendations:

We recommend using a well-tense mesh (minimum 20 N/cm) to achieve optimal results.

Do not iron the printed area, do not dry-clean.

Technical Table	
Version	1.0 Rev. 27/11/2015
Application	Screen Printing
Nature	Plastisol textile ink
Substrate	Cotton + polyester blends
Emulsion	Direct
Mesh N°	32 – 43 (th/cm) 83 – 110 (th/in)
Squeegee - Type	Polyurethane
Squeegee - Durometer	70
Squeegee - Profile	Square
Curing	Dryer: 160° C (320°F) / 50s
Thermal Transfer	--
Related Additives	--
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 20 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Ecofriendly: Phthalate-free. No contains DEHP-DOP, DnOP, DBP, BBP, DINP, DIDP, DIBP.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

It's the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

The information on this Technical Data Sheet is based on our good faith and experience, therefore, it does not constitute in any way implicit or explicit warranty or liability due to the multiple ways, factors, application conditions and variety of existing fibers and materials beyond our control. The user must determine the applicability and the adaptability of the product for his particular intended use verifying all the properties and features described on this Technical Data Sheet, assuming for it all the risks, damages and consequences direct and indirect that this use supposes. Refer to the website for the latest version of this data sheet before using the product. All previous editions of this version and revision date are void.

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TXP Echo White DTA

P8394 - Texiplast® Ecofriendly Plastisols

TXP Echo White DTA, is a white plastisol ink belonging to the TEXIPLAST® Series from PRINTOP®. It was specially formulated to obtain a good opacity over dark fabrics. Its optimal viscosity allows obtaining a film with uniform surface. Besides, its fast pre-dry facilitates to print avoiding to flood with ink the next mesh. It doesn't have peroxides and oxidants, therefore, it doesn't create ghosting or discolorations. This product is phthalate free.

Main Features:

- Good opacity over dark fabrics.
- Fast pre-dry.
- Flexible ink film, it won't harden the fabric.
- Elastic ink film.
- Soft hand.

Tips/Directions:

Apply one layer, predry, repeat and cure.

Suggested Formulations:

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Observations:

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Recommendations:

Do not iron the printed area, do not dry-clean.
It is necessary to stir the product before printing.

Technical Table	
Version	1.0 Rev. 27/11/2015
Application	Screen Printing
Nature	Plastisol textile ink
Substrate	100% cotton, Cotton + polyester blends
Emulsion	Direct
Mesh N°	43 – 90 (th/cm) 110 – 230 (th/in)
Squeegee - Type	Polyurethane
Squeegee - Durometer	70
Squeegee - Profile	Square
Curing	Dryer: 160° C (320°F) / 60s
Thermal Transfer	--
Related Additives	TXP Curable Reducer Plus = Viscosity reducer / TXP Thickener Powder = Viscosity increaser
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 20 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Ecofriendly: Phthalate-free. No contains DEHP-DOP, DnOP, DBP, BBP, DINP, DIDP, DIBP.

Free from Formaldehyde and Organotin compounds.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

It's the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

The information on this Technical Data Sheet is based on our good faith and experience, therefore, it does not constitute in any way implicit or explicit warranty or liability due to the multiple ways, factors, application conditions and variety of existing fibers and materials beyond our control. The user must determine the applicability and the adaptability of the product for his particular intended use verifying all the properties and features described on this Technical Data Sheet, assuming for it all the risks, damages and consequences direct and indirect that this use supposes. Refer to the website for the latest version of this data sheet before using the product. All previous editions of this version and revision date are void.

TXP White RIB AE

P6377 - Texiplast® Ecofriendly Plastisols

TXP White RIB AE, is a white plastisol textile ink belonging to the TEXIPLAST® series from PRINTOP®. It has been specially formulated for printing on high-elongation fabrics such as "ribbed" collar fabric elasticized woven fabrics (lycras), enabling a print of good elasticity. It has a high coverage over dark fabrics and its optimum viscosity enables a uniform surface film. This product is phthalate free.

Main Features:

- Excellent elasticity.
- Good coverage over dark fabrics.
- Flexible ink film, it won't harden the fabric.
- Soft hand.

Tips/Directions:

Apply one layer, pre-dry, repeat and cure.

Suggested Formulations:

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Observations:

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Recommendations:

Do not iron the printed area, do not dry-clean.
It is necessary to stir the product before printing.

Technical Table	
Version	8.0 Rev. 27/11/2015
Application	Screen Printing
Nature	Plastisol textile ink
Substrate	100% cotton, Cotton + polyester blends
Emulsion	Direct
Mesh N°	32 – 43 (th/cm) 83 – 110 (th/in)
Squeegee - Type	Polyurethane
Squeegee - Durometer	70
Squeegee - Profile	Square
Curing	Dryer: 160° C (320°F) / 60s
Thermal Transfer	--
Related Additives	TXP Curable Reducer Plus = Viscosity reducer / TXP Thickener Powder = Viscosity increaser
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available upon request.
Presentation	Container: plastic. Modality: 1 kg Bucket, 25 kg Bucket, 5 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Ecofriendly: Phthalate-free. No contains DEHP-DOP, DnOP, DBP, BBP, DINP, DIDP, DIBP.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

It's the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

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TXP Poly- White DTA

P8017 - Texiplast® Ecofriendly Plastisols

TXP Poly- White DTA, is a white plastisol ink belonging to the TEXIPLAST® Series from PRINTOP®. This product was specially formulated to print on polyester-cotton fabrics where migration or dye transfer from the fabric to the printing occurs. The use of this product reduces migration problems. However, we recommend the user to carry out all relevant tests to ensure that desired results are achieved. It may cause discoloration or "ghosting" on the back of certain fabrics (previous tests are strongly suggested). This product is phthalate free.

Main Features:

- Reduce dye migration from the substrate to the printing.
- Elastic ink film.
- Excellent adherence.
- Good coverage over dark fabrics.

Tips/Directions:

Apply one layer, pre-dry, repeat and cure.

Suggested Formulations:

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Observations:

It must not be printed on 100% cotton because it could cause discoloration or ghosting problems.

Dye migration from the fabric might occur several days after printed. Due to the great diversity of existing fibers, we can not guarantee its effectiveness in all cases. When time or curing temperature aren't properly applied, the results will be defects of elasticity and adherence and it will promote subsequent dy migration.

Recommendations:

We recommend using a well-tense mesh (minimum 20 N / cm) to achieve optimal results.

Do not iron the printed area, do not dry-clean.

Technical Table	
Version	1.0 Rev. 22/04/2015
Application	Screen Printing
Nature	Plastisol textile ink
Substrate	Cotton + polyester blends, 100% Polyester
Emulsion	Direct
Mesh N°	43 (th/cm) 110 (th/in)
Squeegee - Type	Polyurethane
Squeegee - Durometer	70
Squeegee - Profile	Square
Curing	Dryer: 160° C (320°F) / 50s
Thermal Transfer	--
Related Additives	--
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request
Presentation	Container: plastic. Modality: 25 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Ecofriendly: Phthalate-free. No contains DEHP-DOP, DnOP, DBP, BBP, DINP, DIDP, DIBP.

Free from Formaldehyde and Organotin compounds.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

It's the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Quimica Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

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TXP Super Polywhite

P7196 - Texiplast® Ecofriendly Plastisols

TXP Super Polywhite, is a white plastisol ink belonging to the TEXIPLAST® Series from PRINTOP®. This product was specially formulated to print on polyester-cotton fabrics where migration or dye transfer from the fabric to the printing occurs. The use of this product noticeably reduces the migration problem. However, we recommend the user to carry out all relevant tests to ensure that desired results are achieved. It may cause discoloration or "ghosting" on the back of certain fabrics (previous tests are strongly suggested). This product is phthalate free.

Main Features:

- Noticeably reduces dye migration from the substrate to the printing.
- Elastic ink film.
- Excellent adherence.
- Excellent coverage over dark fabrics.

Tips/Directions:

Apply one layer, pre-dry, repeat and cure.

Suggested Formulations:

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Observations:

It must not be printed on 100% cotton because it may present discoloration or ghosting problems.

Dye migration from the fabric might occur several days after printed. Due to the great diversity of existing fibers, we cannot guarantee its effectiveness in all cases.

If not apply time or curing temperature properly the results will be defects of elasticity, adherence and promote subsequent migration of the dye.

Recommendations:

Use an stencil with well-tense mesh (minimum 20 N/cm) to achieve optimal results.

Do not iron the printed area, do not dry-clean.

It is necessary to stir the product before printing.

Technical Table	
Version	1.0 Rev. 23/04/2015
Application	Screen Printing
Nature	Plastisol textile ink
Substrate	Cotton + polyester blends, 100% Polyester
Emulsion	Direct
Mesh N°	43 (th/cm) 110 (th/in)
Squeegee - Type	Polyurethane
Squeegee - Durometer	70
Squeegee - Profile	Square
Curing	Dryer: 160° C (320°F) / 50s
Thermal Transfer	--
Related Additives	TXP Curable Reducer Plus = Viscosity reducer / TXP Thickener Powder = Viscosity increaser
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 20 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Ecofriendly: Phthalate-free. No contains DEHP-DOP, DnOP, DBP, BBP, DINP, DIDP, DIBP.

Free from Formaldehyde and Organotin compounds.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

It's the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

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TXP No-Ghost PolyWhite

P6252 - Texiplast® Ecofriendly Plastisols

TXP No-Ghost PolyWhite, is a white plastisol textile ink belonging to the TEXIPLAST® Series from PRINTOP®. It was specially formulated to print on most synthetic fabrics composed by polyester, acetate or other similar fibers, that generally cause migration or dye transfer from the fabric to the printing. When using of this product considerably reduces migration problems, though it does not eliminate them entirely. Nevertheless, it is recommendable that the user carries out all the corresponding tests to ensure that the desired results will be obtained. In some cases, migration tests may take several days. Its effectiveness cannot be guaranteed in all cases. This product is phthalate free.

Main Features:

- Reduces dye migration from the substrate to the printing.
- Will not dry in the screens.
- Optimum viscosity.
- Excellent adherence.
- High elongation.
- Good coverage over dark fabrics.

Tips/Directions:

Apply one layer, pre-dry, repeat and cure. Try to print on a preheated pallet surface to reduce flash or pre-dried time.

Suggested Formulations:

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Observations:

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Recommendations:

It is possible that the dye migration from the fabric shows up some days after the product has been printed. Due to the great diversity of existing fibers, its effectiveness cannot be guaranteed in all cases.

Use a screen with a well tensioned mesh (minimum 20 N/cm) to obtain better results. Failure to apply the correct time or suitable curing temperature will cause elasticity, adherence defects and will promote subsequent dye migration.

Do not iron the printed area, do not dry-clean.

It is necessary to stir the product before printing.

Technical Table	
Version	8.0 Rev. 25/04/2015
Application	Screen Printing
Nature	Plastisol textile ink
Substrate	100% Polyester
Emulsion	Direct
Mesh N°	32 (th/cm) 83 (th/in)
Squeegee - Type	Polyurethane
Squeegee - Durometer	70
Squeegee - Profile	Square
Curing	Dryer: 160° C (320°F) / 50s
Thermal Transfer	--
Related Additives	TXP Curable Reducer Plus = Viscosity reducer / TXP Thickener Powder = Viscosity increaser
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available upon request.
Presentation	Container: plastic. Modality: 1 kg Bucket, 25 kg Bucket, 5 kg Bucket, 5 Gl HDPE cont
Best If Used Within	12 months.

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Ecofriendly: Phthalate-free. No contains DEHP-DOP, DnOP, DBP, BBP, DINP, DIDP, DIBP.

Free from Formaldehyde and Organotin compounds.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

It's the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

The information on this Technical Data Sheet is based on our good faith and experience, therefore, it does not constitute in any way implicit or explicit warranty or liability due to the multiple ways, factors, application conditions and variety of existing fibers and materials beyond our control. The user must determine the applicability and the adaptability of the product for his particular intended use verifying all the properties and features described on this Technical Data Sheet, assuming for it all the risks, damages and consequences direct and indirect that this use supposes. Refer to the website for the latest version of this data sheet before using the product. All previous editions of this version and revision date are void.

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TXP White Nylon DTA

P6592 - Texiplast® Ecofriendly Plastisols

TXP White Nylon DTA, is a white plastisol textile ink belonging to the Texiplast® Series from PRINTOP®. It has been specially formulated to be printed on nylon draft, it has an appropriate rheology to achieve a uniform surface film. This product is phthalate free.

Main Features:

- Flexible ink film, it won't harden the fabric.
- Will not dry in the screens.
- Excellent adherence.
- Soft hand.
- Good coverage over dark fabrics.

Tips/Directions:

Apply one layer, pre-dry and cure.

Suggested Formulations:

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Observations:

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Recommendations:

Do not iron the printed area, do not dry-clean.
It is necessary to stir the product before printing.

Technical Table	
Version	2.0 Rev. 13/05/2015
Application	Screen Printing
Nature	Plastisol textile ink
Substrate	Nylon draft.
Emulsion	Direct
Mesh N°	43 (th/cm) 110 (th/in)
Squeegee - Type	Polyurethane
Squeegee - Durometer	70
Squeegee - Profile	Square
Curing	Dryer: 160° C (320°F) / 60s
Thermal Transfer	--
Related Additives	TXP Curable Reducer Plus = Viscosity reducer / TXP Thickener Powder = Viscosity increaser
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request
Presentation	Container: plastic. Modality: 1 kg Bucket, 25 kg Bucket, 5 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Ecofriendly: Phthalate-free. No contains DEHP-DOP, DnOP, DBP, BBP, DINP, DIDP, DIBP.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

It's the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

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TXP Expansol White

P6257 - Texiplast® Ecofriendly Plastisols

TXP Expansol White, is a white textile plastisol ink belonging to the PRINTOP®'s TEXIPLAST ® Series . It was specially formulated to be printed on high elongation fabrics such as rib (used for collars) and elastic fabrics (lycra). It is designed to achieve prints with excellent elasticity and high opacity covering on dark fabrics. Moreover, its fast flash eases the printing avoiding subsequent frame dyeing . This product is phthalate free.

Main Features:

- Good elasticity.
- Flexible ink film, it won't harden the fabric.
- Excellent adherence.
- Soft hand.
- Soft hand finish.

Tips/Directions:

Apply one layer, pre-dry, repeat and cure.

Suggested Formulations:

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Observations:

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Recommendations:

Do not iron the printed area, do not dry-clean.
It is necessary to stir the product before printing.

Technical Table	
Version	5.0 Rev. 12/05/2015
Application	Screen Printing
Nature	Plastisol textile ink
Substrate	100% cotton, Cotton + polyester blends
Emulsion	Direct
Mesh N°	32 – 43 (th/cm) 83 – 110 (th/in)
Squeegee - Type	Polyurethane
Squeegee - Durometer	70
Squeegee - Profile	Square
Curing	Dryer: 160° C (320°F) / 60s
Thermal Transfer	--
Related Additives	TXP Curable Reducer Plus = Viscosity reducer / TXP Thickener Powder = Viscosity increaser
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request.
Presentation	Container: plastic. Modality: 1 kg Bucket, 25 kg Bucket, 5 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Ecofriendly: Phthalate-free. No contains DEHP-DOP, DnOP, DBP, BBP, DINP, DIDP, DIBP.

Is the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

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TXP PolyWhite

P7185 - Texiplast® Ecofriendly Plastisols

TXP PolyWhite, is a white plastisol ink belonging to the TEXIPLAST® Series from PRINTOP®. This product was specially formulated to print on polyester-cotton fabrics where migration or dye transfer from the fabric to the printing occurs. The use of this product reduces migration problems but will not eliminate it entirely. However, we recommend the user to carry out all relevant tests to ensure that desired results are achieved. It may cause discoloration or ghosting on the back of certain fabrics (previous tests are strongly suggested). This product is phthalate free.

Main Features:

- Reduce dye migration from the substrate to the printing.
- Elastic ink film.
- Excellent adherence.
- Good coverage over dark fabrics.

Tips/Directions:

Apply one layer, pre-dry, repeat and cure.

Suggested Formulations:

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Observations:

It must not be printed on 100% cotton because it may cause discoloration or ghosting issues.

Recommendations:

Dye migration from the fabric might occur several days after printed. Due to the great diversity of existing fibers, we cannot guarantee its effectiveness in all cases.

We recommend using a well-tense mesh (minimum 20 N / cm) to achieve optimal results. If not apply time or curing temperature properly the results will be defects of elasticity, adherence and promote subsequent migration of the dye.

Do not iron the printed area, do not dry-clean.

Technical Table	
Version	2.0 Rev. 23/04/2015
Application	Screen Printing
Nature	Plastisol textile ink
Substrate	Cotton + polyester blends, 100% Polyester
Emulsion	Direct
Mesh N°	43 (th/cm) 110 (th/in)
Squeegee - Type	Polyurethane
Squeegee - Durometer	70
Squeegee - Profile	Square
Curing	Dryer: 160° C (320°F) / 50s
Thermal Transfer	--
Related Additives	TXP Curable Reducer Plus = Viscosity reducer / TXP Thickener Powder = Viscosity increaser
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request
Presentation	Container: plastic. Modality: 1 kg Bucket, 25 kg Bucket, 5 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Ecofriendly: Phthalate-free. No contains DEHP-DOP, DnOP, DBP, BBP, DINP, DIDP, DIBP.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

It's the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

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Blacks

TXP Black MT

P9497 - Texiplast® Ecofriendly Plastisols

TXP Black MT, is a direct textile plastisol ink belonging to the TEXIPLAST® Series from PRINTOP®. It has been developed to be printed over light and dark fabrics providing a soft finish. This product is phthalate free.

Main Features:

- Flexible ink film, it won't harden the fabric.
- Elastic ink film.
- Good adherence.
- Soft hand.

Tips/Directions:

Apply one layer, pre-dry and cure.

Suggested Formulations:

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Observations:

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Recommendations:

Do not iron the printed area, do not dry-clean.

Technical Table	
Version	1.0 Rev. 27/11/2015
Application	Screen Printing
Nature	Plastisol textile ink
Substrate	100% cotton
Emulsion	Direct
Mesh N°	43 – 77 (th/cm) 110 – 195 (th/in)
Squeegee - Type	Polyurethane
Squeegee - Durometer	70
Squeegee - Profile	Square
Curing	Dryer: 160° C (320°F) / 60s
Thermal Transfer	Heat Transfer Press: 160° C (320°F)/12s Pressure 60 lb/sqin (psi)
Related Additives	--
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 1 GI Bucket, 5 GI Bucket
Best If Used Within	12 months

Chemical contents reference:

Ecofriendly: Phthalate-free. No contains DEHP-DOP, DnOP, DBP, BBP, DINP, DIDP, DIBP.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

It's the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

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TXP Trans Black 100

P8048 - Texiplast® Ecofriendly Plastisols

TXP Trans Black 100, is a plastisol textile ink belonging to the TEXIPLAST Series from PRINTOP. It has been specially developed to be printed over light and dark fabrics giving a soft finish. This product is phthalate free.

Main Features:

- Flexible ink film, it won't harden the fabric.
- Soft hand.
- No pigment efflorescence

Tips/Directions:

Apply one layer, pre-dry and cure.

Suggested Formulations:

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Observations:

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Recommendations:

Do not iron the printed area, do not dry-clean.
It is necessary to stir the product before printing.

Technical Table	
Version	1.0 Rev. 27/11/2015
Application	Screen Printing
Nature	Plastisol textile ink
Substrate	100% cotton, Cotton + polyester blends
Emulsion	Direct
Mesh N°	32 – 90 (th/cm) 83 – 230 (th/in)
Squeegee - Type	Polyurethane
Squeegee - Durometer	70
Squeegee - Profile	Square
Curing	Dryer: 160° C (320°F) / 60s
Thermal Transfer	--
Related Additives	TXP Curable Reducer Plus = Viscosity reducer / TXP Thickener Powder = Viscosity increaser
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 20 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, Oeko-Tex Standard 100).

Ecofriendly: Phthalate-free. No contains DEHP-DOP, DnOP, DBP, BBP, DINP, DIDP, DIBP.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

It's the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

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TXP Direct Black Diamond

P6219 - Texiplast® Ecofriendly Plastisols

TXP Direct Black Diamond, is a direct textile plastisol ink belonging to the TEXIPLAST® Series from PRINTOP®. It has been developed to be printed over light and dark fabrics. This product is phthalate free.

Main Features:

- Flexible ink film, it won't harden the fabric.
- Excellent adherence.
- Soft hand.
- It doesn't present efflorescence.

Tips/Directions:

Apply one layer, pre-dry and cure.

Suggested Formulations:

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Observations:

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Recommendations:

Do not iron the printed area, do not dry-clean.
It is necessary to stir the product before printing.

Technical Table	
Version	1.0 Rev. 27/04/2015
Application	Screen Printing
Nature	Plastisol textile ink
Substrate	100% cotton, Cotton + polyester blends
Emulsion	Direct
Mesh N°	32 – 90 (th/cm) 83 – 230 (th/in)
Squeegee - Type	Polyurethane
Squeegee - Durometer	70
Squeegee - Profile	Square
Curing	Dryer: 160° C (320°F) / 60s
Thermal Transfer	--
Related Additives	TXP Thickener Powder = Viscosity increaser
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request
Presentation	Container: plastic. Modality: 4 kg Bucket, 20 kg Bucket, 1 Gl Bucket, 5 Gl Bucket
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108).

Ecofriendly: Phthalate-free. No contains DEHP-DOP, DnOP, DBP, BBP, DINP, DIDP, DIBP.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

It's the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

The information on this Technical Data Sheet is based on our good faith and experience, therefore, it does not constitute in any way implicit or explicit warranty or liability due to the multiple ways, factors, application conditions and variety of existing fibers and materials beyond our control. The user must determine the applicability and the adaptability of the product for his particular intended use verifying all the properties and features described on this Technical Data Sheet, assuming for it all the risks, damages and consequences direct and indirect that this use supposes. Refer to the website for the latest version of this data sheet before using the product. All previous editions of this version and revision date are void.

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Specialty Bases

TXP Low Temp Base 100

P6459 - Texiplast® Ecofriendly Plastisols

TXP Low Temp Base 100, is a plastisol textile neutral base belonging to the TEXIPLAST® Series from PRINTOP®. It has been specially formulated to fuse or cure itself at lower temperatures compare with other plastisols in order to avoid or reduce fabric shrinking of fabrics that are sensible to heat such as 100% polyesters. For proper fusion, the ink film must reach 130°C (266°F) on the fabric. Apply it over light fabrics. It must be mixed with TXP Pigment to obtain the desired color. This product is phthalate free.

Main Features:

- Cures at less than normal temperature.
- Considerably reduces shrinkage of fabrics that are sensible to high temperatures.
- Flexible ink film, it won't harden the fabric.
- Excellent adherence.
- Soft hand.

Tips/Directions:

Apply one layer, pre-dry and cure.

Suggested Formulations:

1 kg -> TXP Low Temp Base 100
40g (4%) -> TXP pigment

Observations:

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Recommendations:

Do not iron the printed area, do not dry-clean.
It is necessary to stir the product before printing.

Technical Table	
Version	4.0 Rev. 09/05/2015
Application	Screen Printing
Nature	Textile base to plastisol
Substrate	100% cotton, Cotton + polyester blends
Emulsion	Direct
Mesh N°	32 – 43 (th/cm) 83 – 110 (th/in)
Squeegee - Type	polyurethane
Squeegee - Durometer	70
Squeegee - Profile	Rectangular
Curing	Dryer: 130° C (266°F) / 60s
Thermal Transfer	--
Related Additives	TXP Curable Reducer Plus = Viscosity reducer / TXP Thickener Powder = Viscosity increaser
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request.
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 20 kg Bucket
Best If Used Within	12 months.

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Ecofriendly: Phthalate-free. No contains DEHP-DOP, DnOP, DBP, BBP, DINP, DIDP, DIBP.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

It's the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

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TXP Puff Base 500

P6339 - Texiplast® Ecofriendly Plastisols

TXP Puff Base 500, is a paste for printing on textiles belonging to the TEXIPLAST® Series from PRINTOP®. Its main characteristic is when used puff finishes are obtained. It can be applied on cotton or polycotton blends fabrics, whether they are light or dark. This product is phthalate free.

Main Features:

- High relief finish.
- Good adherence.
- "Matte" finish.
- High wash resistance

Tips/Directions:

Apply one layer, pre-dry and cure.

Suggested Formulations:

Light Fabrics:

1 kg -> TXP Puff Base 500
500 g -> TXP Neutral SQ Mix Base
40 g (4%) -> TXP Pigments

Dark fabrics:

1 kg -> TXP Puff Base 500
500 g -> TXP DCM Base
60 g (6%) -> TXP Pigments

Printing White color:

1 kg -> TXP Puff Base 500
600 g -> TXP White SQ

Observations:

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Recommendations:

Do not iron the printed area, do not dry-clean.
It is necessary to stir the product before printing.

Technical Table	
Version	7.0 Rev. 27/04/2015
Application	Screen Printing
Nature	Textile base to plastisol
Substrate	100% cotton, Cotton + polyester blends
Emulsion	Direct
Mesh N°	43 – 61 (th/cm) 110 – 156 (th/in)
Squeegee - Type	polyurethane
Squeegee - Durometer	70
Squeegee - Profile	Rectangular
Curing	Dryer: 160° C (320°F) / 30s
Thermal Transfer	--
Related Additives	TXP Curable Reducer Plus = Viscosity reducer / TXP Thickener Powder = Viscosity increaser
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request.
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 20 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Ecofriendly: Phthalate-free. No contains DEHP-DOP, DnOP, DBP, BBP, DINP, DIDP, DIBP.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3. Due to the chemical nature of their raw materials, the chromium content in this product is less than 10 ppm.

It's the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

The information on this Technical Data Sheet is based on our good faith and experience, therefore, it does not constitute in any way implicit or explicit warranty or liability due to the multiple ways, factors, application conditions and variety of existing fibers and materials beyond our control. The user must determine the applicability and the adaptability of the product for his particular intended use verifying all the properties and features described on this Technical Data Sheet, assuming for it all the risks, damages and consequences direct and indirect that this use supposes. Refer to the website for the latest version of this data sheet before using the product. All previous editions of this version and revision date are void.

TXP Super Puff Base 500

P6341 - Texiplast® Ecofriendly Plastisols

TXP Super Puff Base 500, is a neutral paste for textile printing belonging to the TEXIPLAST® Series from PRINTOP®. Its main characteristic is when used puff finishes are obtained. This product can be applied on light or dark fabrics and it has greater puff compared to TXP Puff Base 500. This product is phthalate free.

Main Features:

- High relief finish.
- Good adherence.
- "Matte" finish.
- High wash resistance

Tips/Directions:

Apply one layer, pre-dry and cure.

Suggested Formulations:

Light Fabrics:

0.500 kg -> TXP Super Puff Base 500

0.500 kg -> TXP Neutral SQ Mix Base

40-60 g (4-6%) -> TXP Pigments

Dark Fabrics:

0.500 kg -> TXP Super Puff Base 500

0.500 kg -> TXP DCM Base

60-80 g (6-8%)-> TXP Pigments

White Color Printing:

1 kg -> TXP Super Puff Base 500

800 g -> TXP Whites

Observations:

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Recommendations:

Do not iron the printed area, do not dry-clean.

It is necessary to stir the product before printing.

Technical Table	
Version	7.0 Rev. 27/04/2015
Application	Screen Printing
Nature	Textile base to plastisol
Substrate	100% cotton, Cotton + polyester blends
Emulsion	Direct
Mesh N°	43 – 61 (th/cm) 110 – 156 (th/in)
Squeegee - Type	polyurethane
Squeegee - Durometer	70
Squeegee - Profile	Rectangular
Curing	Dryer: 160° C (320°F) / 30s
Thermal Transfer	--
Related Additives	TXP Curable Reducer Plus = Viscosity reducer / TXP Thickener Powder = Viscosity increaser / TXP Resin ACR = Crock-fastness increaser
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request.
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 20 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Ecofriendly: Phthalate-free. No contains DEHP-DOP, DnOP, DBP, BBP, DINP, DIDP, DIBP.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3. Due to the chemical nature of their raw materials, the chromium content in this product is less than 10 ppm.

It's the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

The information on this Technical Data Sheet is based on our good faith and experience, therefore, it does not constitute in any way implicit or explicit warranty or liability due to the multiple ways, factors, application conditions and variety of existing fibers and materials beyond our control. The user must determine the applicability and the adaptability of the product for his particular intended use verifying all the properties and features described on this Technical Data Sheet, assuming for it all the risks, damages and consequences direct and indirect that this use supposes. Refer to the website for the latest version of this data sheet before using the product. All previous editions of this version and revision date are void.

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www.printop.com / info@printop.com

TXP Hi Temp Puff Base 100

P6340 - Texiplast® Ecofriendly Plastisols

TXP Hi Temp Puff Base 100, is a textile paste belonging to the TEXIPLAST® Series from PRINTOP®. It has been specially formulated to obtain puff finishes requiring the same curing temperature and time as most plastisol inks 160°C (320°F)/ 60s. This characteristic allows to combine different finishes in one same design without affecting the final finish. For instance, TXP Termogel (all of them), 3D and TXP Hi Temp Puff Base 100 may be used in the same design, both are cured at 160°C (320°F)/60s, thus, neither would lose their particular finish. This product is phthalate free.

Main Features:

- Standard curing temperature and time.
- Allows to use different effect inks in a same design.
- High relief finish.
- Good adherence.
- "Matte" finish.
- High wash resistance

Tips/Directions:

Apply one layer, pre-dry and cure.

Suggested Formulations:

0.500 kg -> TXP Hi Temp Puff Base 100

0.500 kg -> TXP Neutral SQ Mix Base

40-60g (4-6%) -> TXP Pigments

Dark Fabrics:

0.500 kg -> TXP Hi Temp Puff Base 100

0.500 kg -> TXP DCM Base

60-80 g (6-8%)-> TXP Pigments

Printing White Color:

1 kg -> TXP Hi Temp Puff Base 100

800 g -> TXP Whites

Observations:

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Recommendations:

It is necessary to stir the product before printing.

Technical Table	
Version	7.0 Rev. 27/04/2015
Application	Pad printing
Nature	Textile base to plastisol
Substrate	100% cotton, Cotton + polyester blends
Emulsion	Direct
Mesh N°	43 – 61 (th/cm) 110 – 156 (th/in)
Squeegee - Type	polyurethane
Squeegee - Durometer	70
Squeegee - Profile	Rectangular
Curing	Dryer: 160° C (320°F) / 60s
Thermal Transfer	--
Related Additives	TXP Curable Reducer Plus = Viscosity reducer / TXP Thickener Powder = Viscosity increaser
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request.
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 20 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Ecofriendly: Phthalate-free. No contains DEHP-DOP, DnOP, DBP, BBP, DINP, DIDP, DIBP.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

It's the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

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TXP Softfeel Base 200

P6262 - Texiplast® Ecofriendly Plastisols

TXP Softfeel Base 200, is a neutral textile base belonging to the TEXIPLAST® Series from PRINTOP®. It is specially formulated to obtain highly smooth printings. This plastisol leaves an ink layer that simulates the soft hand of the waterbase ink. This allows to preserve a good fall appearance and texture of thin and lightweight fabrics. This product is phthalate free.

Main Features:

- High softness printing.
- Flexible ink film, it won't harden the fabric.
- Will not dry in the screens.

Tips/Directions:

Apply one layer, pre-dry and cure.

Suggested Formulations:

1kg -> TXP Aquasoft Base 200
40g (4%) -> TXP Pigments.

Observations:

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Recommendations:

Do not iron the printed area, do not dry-clean.
It is necessary to stir the product before printing.

Technical Table	
Version	7.0 Rev. 05/05/2015
Application	Screen Printing
Nature	Textile base to plastisol
Substrate	100% cotton, Cotton + polyester blends
Emulsion	Direct
Mesh N°	90 – 120 (th/cm) 230 – 305 (th/in)
Squeegee - Type	polyurethane
Squeegee - Durometer	70
Squeegee - Profile	Rectangular
Curing	Dryer: 160° C (320°F) / 60s
Thermal Transfer	--
Related Additives	--
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request.
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 20 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Ecofriendly: Phthalate-free. No contains DEHP-DOP, DnOP, DBP, BBP, DINP, DIDP, DIBP.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

It's the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

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TXP Softfeel Semi-Opaque Base 100

P6263 - Texiplast® Ecofriendly Plastisols

TXP Softfeel Semi-Opaque Base 100, is a textile base with good fluidity belonging to the TEXIPLAST® from PRINTOP®. It is specially formulated to obtain soft feel prints on semi-dark and light fabrics, it must be pigmented to obtain the desired color. It simulates the textile prints made with waterbase inks. This product is phthalate free.

Main Features:

- Flexible ink film, it won't harden the fabric.
- Excellent adherence.
- Soft hand.
- Acceptable coverage over dark fabrics.

Tips/Directions:

Apply one layer, pre-dry and cure.

Suggested Formulations:

1kg -> TXP Aquasoft Semi-Opaque Base 100
60g (6%) -> TXP Pigment.

Observations:

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Recommendations:

Do not iron the printed area, do not dry-clean.
It is necessary to stir the product before printing.

Technical Table	
Version	4.0 Rev. 05/05/2015
Application	Screen Printing
Nature	Textile base to plastisol
Substrate	100% cotton, Cotton + polyester blends
Emulsion	Direct
Mesh N°	90 – 120 (th/cm) 230 – 305 (th/in)
Squeegee - Type	Polyurethane
Squeegee - Durometer	70
Squeegee - Profile	Square
Curing	Dryer: 160° C (320°F) / 60s
Thermal Transfer	--
Related Additives	--
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request.
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 20 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Ecofriendly: Phthalate-free. No contains DEHP-DOP, DnOP, DBP, BBP, DINP, DIDP, DIBP.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

It's the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

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TXP Soft Hand Base 100

P6434 - Texiplast® Ecofriendly Plastisols

TXP Soft Hand Base 100, is a plastisol neutral base belonging to the TEXIPLAST® Series from PRINTOP®. It has been specially formulated to obtain very soft hand printings on light fabrics. It must be mixed with TXP Pigments to obtain the desired color. It can also be used as color reducer or extender. This product is phthalate free.

Main Features:

- Flexible ink film, it won't harden the fabric.
- Excellent adherence.
- Soft hand.

Tips/Directions:

Apply one layer and cure.

Suggested Formulations:

1kg -> TXP Soft Hand Base 100

40g (4%) -> TXP pigments.

Observations:

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Recommendations:

Do not iron the printed area, do not dry-clean.

It is necessary to stir the product before printing.

Technical Table	
Version	1.0 Rev. 05/05/2015
Application	Screen Printing
Nature	Textile base to plastisol
Substrate	100% cotton, Cotton + polyester blends
Emulsion	Direct
Mesh N°	43 – 120 (th/cm) 110 – 305 (th/in)
Squeegee - Type	Polyurethane
Squeegee - Durometer	70
Squeegee - Profile	Square
Curing	Dryer: 160° C (320°F) / 60s
Thermal Transfer	--
Related Additives	TXP Thickener Powder = Viscosity increaser
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 20 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

Ecofriendly: Phthalate-free. No contains DEHP-DOP, DnOP, DBP, BBP, DINP, DIDP, DIBP.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

It's the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

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TXP 3D Ghost Base 100

P6387 - Texiplast® Ecofriendly Plastisols

TXP 3D Ghost Base 100, is a plastisol ink belonging to the **TEXIPLAST®** Series from **PRINTOP®**. It is specially designed to achieve a translucent three-dimensional finish, allowing you to see the overprinted ink. This product can be applied over light and dark fabrics. This product is phthalate free.

Main Features:

- Translucent three-dimensional finish.
- Three-dimensional finish.
- Elastic ink film.
- Excellent adherence.

Tips/Directions:

Apply one layer, pre-dry, repeat and cure.
More layers can be applied to obtain greater three-dimensional effect.

Suggested Formulations:

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Observations:

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Recommendations:

Do not iron the printed area, do not dry-clean.
It is necessary to stir the product before printing.

Technical Table	
Version	5.0 Rev. 27/04/2015
Application	Screen Printing
Nature	Plastisol textile ink
Substrate	100% cotton, Cotton + polyester blends
Emulsion	Capillary 250 to 400 microns
Mesh N°	32 – 43 (th/cm) 83 – 110 (th/in)
Squeegee - Type	Polyurethane
Squeegee - Durometer	70
Squeegee - Profile	Rectangular
Curing	Dryer: 160° C (320°F) / 60s
Thermal Transfer	--
Related Additives	--
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request.
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 20 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Ecofriendly: Phthalate-free. No contains DEHP-DOP, DnOP, DBP, BBP, DINP, DIDP, DIBP.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

It's the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

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TXP Autocrack Base 100

P6507 - Texiplast® Ecofriendly Plastisols

TXP Autocrack Base 100, is a textile plastisol base belonging to the **TEXIPLAST®** Series from **PRINTOP®**. It has been specially formulated to obtain a crackled effect, giving a aging appearance to the print. When exposed to heat the ink layer cracks on different directions. TXP Autocrack Base 100 only works when it is applied on top of another plastisol ink. It is recommended that both inks belong to different colors to give contrast on the crackled effect. It has to be pigmented with TXP Pigments to obtain the desired color. This product is phthalate free.

Main Features:

- Crackled finish with aging appearance.
- Flexible ink film, it won't harden the fabric.
- Soft hand.
- "Matte" finish.

Tips/Directions:

Apply a layer of TXP White SQ or any TXP ink with mesh count 81th/in (32 th/cm), 60D squeegee and over this apply a layer of TXP Autocrack Base 100 and cure.

Suggested Formulations:

1 kg -> TXP Autocrack Base 100.
70 g (7%) -> TXP Pigments (PGM).

Observations:

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Recommendations:

- Do not apply this product direct to the fabric.
 - There should be a good base plastisol deposit to over print TXP Autocrack Base 100.
 - Do not apply more than one layer of the product.
 - Apply TXP Autocrack Base 100 as last color.
- Do not iron the printed area, do not dry-clean.
It is necessary to stir the product before printing.

Technical Table	
Version	7.0 Rev. 29/04/2015
Application	Screen Printing
Nature	Textile base to plastisol
Substrate	100% cotton, Cotton + polyester blends
Emulsion	Direct
Mesh N°	43 (th/cm) 110 (th/in)
Squeegee - Type	Polyurethane
Squeegee - Durometer	60
Squeegee - Profile	Square
Curing	Dryer: 170° C (338°F) / 90s
Thermal Transfer	--
Related Additives	--
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request.
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 20 kg Bucket, 1 Gl Bucket, 5 Gl Bucket, 55 Gl Drum
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Ecofriendly: Phthalate-free. No contains DEHP-DOP, DnOP, DBP, BBP, DINP, DIDP, DIBP.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

It's the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

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TXP Neutral SQ Mix Base

P6256 - Texiplast® Ecofriendly Plastisols

TXP Neutral SQ Mix Base, is a neutral plastisol base belonging to Texiplast® Series from PRINTOP®. It has been specially formulated to be used as color reducer or extender and it can also be pigmented and printed over light fabrics. It should be mixed with TXP Pigment to obtain the desired color. This product can also be used with Atomix Color System to obtain PANTONE® colors (only for the following systems: TXP Atomix and TXP Pgm Atomix) . This product is phthalate free.

Main Features:

- Flexible ink film, it won't harden the fabric.
- Elastic ink film.
- Excellent adherence.
- Soft hand.

Tips/Directions:

Apply one layer and cure.

Suggested Formulations:

To obtain different colors:

1kg->TXP Neutral SQ Mix Base.

40g (4%)> TXP Pigments.

Observations:

- Always perform a complete test of finishes, shades, curing and washing before serial production. The given information in this TDS is based on our good faith and experience, therefore there isn't an explicit warranty neither implicitly to any multiple forms, variables, application conditions, fibers diversities and current materials. The user must determine the adaptability and applicability of the product for the intended use, proving all the described properties on the present TDS, assuming all risks and direct and indirect consequences of the intended use.

The formulations of all Atomix® ink mixtures of Printop only produce simulation for Pantone Colors. The accuracy of the colors may be affected due the choice of the ink film on thickness, opacity, metamerism and pigment. PANTONE® and other Pantone, Inc. brands are property of Pantone, Inc. Portions © Pantone, Inc., 2007.

Recommendations:

- If it's desired to color with large pigment quantities, add TXP Resin ACR as reinforcing.

- Its use is recommended to low the color intensity of the TXP Process.

Do not iron the printed area, do not dry-clean.

It is necessary to stir the product before printing.

Technical Table	
Version	7.0 Rev. 21/04/2015
Application	Screen Printing
Nature	Textile base to plastisol
Substrate	100% cotton, Cotton + polyester blends
Emulsion	Direct
Mesh N°	32 – 120 (th/cm) 83 – 305 (th/in)
Squeegee - Type	Polyurethane
Squeegee - Durometer	70
Squeegee - Profile	Rectangular
Curing	Dryer: 160° C (320°F) / 60s
Thermal Transfer	Heat Transfer Press: 160° C (320°F)/15s Pressure 60 lb/sqin (psi)
Related Additives	TXP Curable Reducer Plus = Viscosity reducer / TXP Thickener Powder = Viscosity increaser
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request.
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 20 kg Bucket, 5 Gl HDPE cont
Best If Used Within	12 months.

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Ecofriendly: Phthalate-free. No contains DEHP-DOP, DnOP, DBP, BBP, DINP, DIDP, DIBP.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

It's the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

The information on this Technical Data Sheet is based on our good faith and experience, therefore, it does not constitute in any way implicit or explicit warranty or liability due to the multiple ways, factors, application conditions and variety of existing fibers and materials beyond our control. The user must determine the applicability and the adaptability of the product for his particular intended use verifying all the properties and features described on this Technical Data Sheet, assuming for it all the risks, damages and consequences direct and indirect that this use supposes. Refer to the website for the latest version of this data sheet before using the product. All previous editions of this version and revision date are void.

TXP Neutral Crack Base 100

P6338 - Texiplast® Ecofriendly Plastisols

TXP Neutral Crack Base 100, is a plastisol textile neutral base belonging to the TEXIPLAST® Series from PRINTOP®. It has been specially formulated to obtain intense matching colors with crackled and aging finishes. It can be applied on light and dark fabrics (see recommended formulation). This product is phthalate free.

Main Features:

- Crackled finish with aging appearance finish.
- High wash resistance

Tips/Directions:

Apply one layer, pre-dry, repeat, pre-dry again, stretch the garment towards the printing sides and cure.

Suggested Formulations:

to obtain the desired color:

700g -> TXP Neutral Crack Base 100

300g -> TXP Crack White

40-50g (4-5%) -> TXP Pigments

Observations:

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Recommendations:

For better results it is recommended to mix with TXP Crack White (according to color intensity).

Do not iron the printed area, do not dry-clean.

It is necessary to stir the product before printing.

Technical Table	
Version	4.0 Rev. 29/04/2015
Application	Screen Printing
Nature	Textile base to plastisol
Substrate	100% cotton, Cotton + polyester blends
Emulsion	Direct
Mesh N°	32 – 43 (th/cm) 83 – 110 (th/in)
Squeegee - Type	Polyurethane
Squeegee - Durometer	70
Squeegee - Profile	Square
Curing	Dryer: 160° C (320°F) / 60s
Thermal Transfer	--
Related Additives	TXP Thickener Powder = Viscosity increaser
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request...
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 20 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Ecofriendly: Phthalate-free. No contains DEHP-DOP, DnOP, DBP, BBP, DINP, DIDP, DIBP.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

It's the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

The information on this Technical Data Sheet is based on our good faith and experience, therefore, it does not constitute in any way implicit or explicit warranty or liability due to the multiple ways, factors, application conditions and variety of existing fibers and materials beyond our control. The user must determine the applicability and the adaptability of the product for his particular intended use verifying all the properties and features described on this Technical Data Sheet, assuming for it all the risks, damages and consequences direct and indirect that this use supposes. Refer to the website for the latest version of this data sheet before using the product. All previous editions of this version and revision date are void.

TXP Crack White

P6388 - Texiplast® Ecofriendly Plastisols

TXP Crack White, is a plastisol white textile ink belonging to the TEXIPLAST® Series from PRINTOP®. It has been specially formulated to obtain a crackled finish giving an aging printing appearance, it can be applied on light and dark fabrics. This product is phthalate free.

Main Features:

- Crackled finish with an aging appearance
- Will not dry in the screens.
- Good coverage over dark fabrics.

Tips/Directions:

Apply one layer, pre-dry, repeat, pre-dry again, stretch the garment towards the printing sides and cure.

Suggested Formulations:

To obtain different colors:

300g -> TXP Crack White

40-50g (4-5%) ->TXP Pigments

To obtain colors with greater intensity:

700g ->TXP Neutral Crack Base 100

300g -> TXP Crack White

40-50g (4-5%) ->TXP Pigments

Observations:

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Recommendations:

Do not iron the printed area, do not dry-clean.

It is necessary to stir the product before printing.

Technical Table	
Version	5.0 Rev. 29/04/2015
Application	Screen Printing
Nature	Plastisol textile ink
Substrate	100% cotton, Cotton + polyester blends
Emulsion	Direct
Mesh N°	32 – 43 (th/cm) 83 – 110 (th/in)
Squeegee - Type	polyurethane
Squeegee - Durometer	70
Squeegee - Profile	Square
Curing	Dryer: 160° C (320°F) / 60s
Thermal Transfer	--
Related Additives	TXP Curable Reducer Plus = Viscosity reducer / TXP Thickener Powder = Viscosity increaser
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request.
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 20 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Ecofriendly: Phthalate-free. No contains DEHP-DOP, DnOP, DBP, BBP, DINP, DIDP, DIBP.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

It's the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

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TXP Super Suede Base 100

P6344 - Texiplast® Ecofriendly Plastisols

TXP Super Suede Base 100, is a textile plastisol base belonging to the TEXIPLAST® Series from PRINTOP®. It is designed to print suede or velvety texture finishes on light fabrics. It must be mixed with TXP pigments to obtain the desired color. This product is phthalate free.

Main Features:

- Suede soft texture.
- Flexible ink film, it won't harden the fabric.
- Will not dry in the screens.
- Good adherence.
- High wash resistance

Tips/Directions:

Apply one layer, pre-dry and cure.

Suggested Formulations:

To obtain desired color:

1 kg -> TXP Super Suede Base 100

40 - 60 g (4-6%)-> TXP Pigments.

Observations:

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Recommendations:

If too many layers are applied, the finish can lose the suede effect.

Do not iron the printed area, do not dry-clean.

It is necessary to stir the product before printing.

Technical Table	
Version	7.0 Rev. 27/04/2015
Application	Screen Printing
Nature	Textile base to plastisol
Substrate	100% cotton, Cotton + polyester blends
Emulsion	Direct
Mesh N°	43 – 61 (th/cm) 110 – 156 (th/in)
Squeegee - Type	Polyurethane
Squeegee - Durometer	70
Squeegee - Profile	Rectangular
Curing	Dryer: 160° C (320°F) / 30s
Thermal Transfer	--
Related Additives	TXP Curable Reducer Plus = Viscosity reducer / TXP Thickener Powder = Viscosity increaser
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request.
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 20 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Ecofriendly: Phthalate-free. No contains DEHP-DOP, DnOP, DBP, BBP, DINP, DIDP, DIBP.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

It's the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

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TXP Metallic Gel Base 100

P6847 - Texiplast® Ecofriendly Plastisols

TXP Metallic Gel Base 100, is a textil plastisol base belonging to the TEXIPLAST® Series from PRINTOP®. It is designed to obtain printings with bright nacreous and wet touch finishes. It is suggested to print on TXP 3D Bottom Base 100 to clearly notice the finish. It must be pigmented with TXP Pigments to obtain the desired color. This product is phthalate free.

Main Features:

- Bright nacreous finish.
- Excellent elasticity.
- Wet appearance.
- Excellent adherence.
- Good coverage over dark fabrics.

Tips/Directions:

- Apply one layer, pre dry, repeat and cure. Many layers can be applied to obtain a greater three-dimensional effect.
- For better results, print 2 layers of TXP 3D Bottom Base 100 as underbase and over it print 2 layers of pigmented TXP Metallic Gel Base 100.

Suggested Formulations:

When using without pigment you obtain a bright pearl color.

To obtain different colors:

1kg -> TXP Metal Gel Base 100

10 – 20g (1- 2%) -> TXP pigments

Observations:

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Recommendations:

Do not iron the printed area, do not dry-clean.

It is necessary to stir the product before printing.

Technical Table	
Version	5.0 Rev. 06/05/2015
Application	Screen Printing
Nature	Textile base to plastisol
Substrate	100% cotton, Cotton + polyester blends
Emulsion	Capillary 250 to 400 microns
Mesh N°	32 (th/cm) 83 (th/in)
Squeegee - Type	polyurethane
Squeegee - Durometer	70 or double hardness
Squeegee - Profile	Rectangular
Curing	Dryer: 160° C (320°F) / 60s
Thermal Transfer	--
Related Additives	TXP Quick Cure Additive = Curing reducer time.
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request.
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 20 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Ecofriendly: Phthalate-free. No contains DEHP-DOP, DnOP, DBP, BBP, DINP, DIDP, DIBP.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

It's the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

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TXP Leather Base 100

P6449 - Texiplast® Ecofriendly Plastisols

TXP Leather Base 100, is a plastisol textile base belonging to the TEXIPLAST® Series from PRINTOP®. It has been designed to obtain finishes with texture similar to leather, it can be applied over dark and light fabrics. It must be mixed with TXP Pigments to obtain the desired color. This product is phthalate free. It may cause discoloration or ghosting on the back of certain fabrics (previous tests are strongly suggested).

Main Features:

- Finish similar to leather.
- Excellent adherence.
- Good elasticity.
- Good coverage over dark fabrics.

Tips/Directions:

Apply one layer, pre-dry, repeat and cure.

Suggested Formulations:

To obtain different colors:
1kg -> TXP Leather Base 100
40g (4%)-> TXP pigments.

Observations:

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Recommendations:

Different leather effects can be achieved overprinting the TXP Leather Base 100 layer with TXP Neutral SQ Mix Base and pigments using higher mesh counts (90-120 th/cm, 230-305 th/in).
Do not iron the printed area, do not dry-clean.
It is necessary to stir the product before printing.

Technical Table	
Version	3.0 Rev. 29/04/2015
Application	Screen Printing
Nature	Textile base to plastisol
Substrate	Cotton + polyester blends, 100% Polyester
Emulsion	Capillary 250 to 400 microns
Mesh N°	32 (th/cm) 83 (th/in)
Squeegee - Type	Polyurethane
Squeegee - Durometer	70 or double hardness
Squeegee - Profile	Square
Curing	Dryer: 160° C (320°F) / 50s
Thermal Transfer	--
Related Additives	TXP Thickener Powder = Viscosity increaser
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 20 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

Ecofriendly: Phthalate-free. No contains DEHP-DOP, DnOP, DBP, BBP, DINP, DIDP, DIBP.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

It's the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

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TXP Orange Peel Base 200

P6336 - Texiplast® Ecofriendly Plastisols

TXP Orange Peel Base 200, is a plastisol base belonging to the TEXIPLAST® Series from PRINTOP®. It is designed to obtain orange peel texture finishes and can be applied on light and dark fabrics. This product has a very light and spongy final finish. It must be mixed with TXP Pigments to obtain the desired color. It may cause discoloration or ghosting on the back of certain fabrics (previous tests are strongly suggested). This product is phthalate free.

Main Features:

- Orange peel texture.
- Neutral paste.
- Elastic ink film.
- Will not dry in the screens.

Tips/Directions:

Apply one layer, pre-dry, repeat and cure.

Suggested Formulations:

1 kg -> TXP Orange Peel Base 200
40 gr (4%) -> TXP Pigments

Observations:

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Recommendations:

Do not iron the printed area, do not dry-clean.
It is necessary to stir the product before printing.

Technical Table	
Version	7.0 Rev. 27/04/2015
Application	Screen Printing
Nature	Textile base to plastisol
Substrate	Cotton + polyester blends, 100% Polyester
Emulsion	Capillary 250 to 400 microns
Mesh N°	32 – 43 (th/cm) 83 – 110 (th/in)
Squeegee - Type	polyurethane
Squeegee - Durometer	70 or double hardness
Squeegee - Profile	Square
Curing	Dryer: 160° C (320°F) / 60s
Thermal Transfer	--
Related Additives	TXP Thickener Powder = Viscosity increaser
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request.
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 20 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Ecofriendly: Phthalate-free. No contains DEHP-DOP, DnOP, DBP, BBP, DINP, DIDP, DIBP.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

It's the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

The information on this Technical Data Sheet is based on our good faith and experience, therefore, it does not constitute in any way implicit or explicit warranty or liability due to the multiple ways, factors, application conditions and variety of existing fibers and materials beyond our control. The user must determine the applicability and the adaptability of the product for his particular intended use verifying all the properties and features described on this Technical Data Sheet, assuming for it all the risks, damages and consequences direct and indirect that this use supposes. Refer to the website for the latest version of this data sheet before using the product. All previous editions of this version and revision date are void.

TXP Frogger Base 500

P6971 - Texiplast®

TXP Frogger Base 500, is a textile plastisol base belonging to the TEXIPLAST® Series from PRINTOP®. It is designed for fantasy finishes with similar texture to a frog skin, it can be applied on light and dark fabrics. It must be mixed with TXP Pigments to obtain the desired color. This product contains formaldehyde. This product is phthalate free.

Main Features:

- Surface with uneven bubbles size (similar texture to a frog skin).
- Excellent adherence.
- Good coverage over dark fabrics.
- Excellent elasticity.

Tips/Directions:

Apply one layer, repeat and cure. Several layers may be applied to obtain a greater three-dimensional effect.

Suggested Formulations:

To obtain different colors:
1kg -> TXP Frogger Base 500
40g (4%) -> TXP pigments

Observations:

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Recommendations:

Do not iron the printed area, do not dry-clean.
It is necessary to stir the product before printing.

Technical Table	
Version	1.0 Rev. 27/04/2015
Application	Screen Printing
Nature	Textile base to plastisol
Substrate	100% cotton, Cotton + polyester blends
Emulsion	Capillary 400 microns
Mesh N°	32 – 43 (th/cm) 83 – 110 (th/in)
Squeegee - Type	Polyurethane
Squeegee - Durometer	70 or double hardness
Squeegee - Profile	Square
Curing	Dryer: 160° C (320°F) / 60s
Thermal Transfer	--
Related Additives	TXP Thickener Powder = Viscosity increaser
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 20 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

PHT-FREE: Phthalate-free.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

Due to its raw materials' chemical nature, this product contains traces of formaldehyde.

It's the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

The information on this Technical Data Sheet is based on our good faith and experience, therefore, it does not constitute in any way implicit or explicit warranty or liability due to the multiple ways, factors, application conditions and variety of existing fibers and materials beyond our control. The user must determine the applicability and the adaptability of the product for his particular intended use verifying all the properties and features described on this Technical Data Sheet, assuming for it all the risks, damages and consequences direct and indirect that this use supposes. Refer to the website for the latest version of this data sheet before using the product. All previous editions of this version and revision date are void.

TXP Spider Base 300

P7235 - Texiplast®

TXP Spider Base 300, is a plastisol textile ink belonging to the TEXIPLAST® Series from PRINTOP®. The agents heat sensitivity from this product allows the ink layer increases its volume under constant temperature of 170°C (338°F)/60s forming a smooth elastic mass full of air pockets and spaces that resemble a spider nest. If wanted, it can be mixed with TXP Pigments to obtain the desired color. This product is phthalate free.

Main Features:

- Frothy finish that resembles a spider nest.
- Excellent adherence.
- Good coverage over dark fabrics.
- High elongation.

Tips/Directions:

Apply one layer, pre-dry and cure.

Suggested Formulations:

1kg - > TXP Spider Base 300
40g (4%) - > TXP Pigments

Observations:

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Recommendations:

Do not iron the printed area, do not dry-clean.
It is necessary to stir the product before printing.

Technical Table	
Version	1.0 Rev. 27/04/2015
Application	Screen Printing
Nature	Textile base to plastisol
Substrate	100% cotton, Cotton + polyester blends
Emulsion	Capillary 250 to 400 microns
Mesh N°	32 – 43 (th/cm) 83 – 110 (th/in)
Squeegee - Type	Polyurethane
Squeegee - Durometer	70 or double hardness
Squeegee - Profile	rectangular
Curing	Dryer: 170° C (338°F) / 60s
Thermal Transfer	--
Related Additives	TXP Curable Reducer Plus = Viscosity reducer / TXP Thickener Powder = Viscosity increaser
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 20 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

PHT-FREE: Phthalate-free.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

Due to its raw materials' chemical nature, this product contains traces of formaldehyde.

It's the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

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TXP Felt Base 100

P6466 - Texiplast® Ecofriendly Plastisols

TXP Felt Base 100, is a plastisol base belonging to the TEXIPLAST® Series from PRINTOP®. It is designed to obtain similar texture to a towel or plush, this can be applied on light and dark fabrics. It has a very soft and light final finish. It must be mixed with TXP Pigments to obtain the desired color. It may cause discoloration or ghosting on the back of certain fabrics (previous tests are strongly suggested). This product is phthalate free.

Main Features:

- Finish with towel or plush texture .
- Flexible ink film, it won't harden the fabric.
- Excellent adherence.
- Soft hand.
- High elongation.
- Good coverage over dark fabrics.

Tips/Directions:

Apply one layer, pre-dry, repeat and cure.

Suggested Formulations:

1 kg -> TXP Felt Base 100
100 g (10%) -> TXP Pigments

Observations:

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Recommendations:

Do not iron the printed area, do not dry-clean.
It is necessary to stir the product before printing.

Technical Table	
Version	4.0 Rev. 09/05/2015
Application	Screen Printing
Nature	Textile base to plastisol
Substrate	Cotton + polyester blends
Emulsion	Direct
Mesh N°	32 (th/cm) 83 (th/in)
Squeegee - Type	poliuretano
Squeegee - Durometer	60
Squeegee - Profile	Rectangular
Curing	Dryer: 160° C (320°F) / 60s
Thermal Transfer	--
Related Additives	TXP Curable Reducer Plus = Viscosity reducer / TXP Thickener Powder = Viscosity increaser
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request.
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 20 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Ecofriendly: Phthalate-free. No contains DEHP-DOP, DnOP, DBP, BBP, DINP, DIDP, DIBP.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

It's the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

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TXP Granite Base 100

P6358 - Texiplast® Ecofriendly Plastisols

TXP Granite Base 100, is a plastisol textile ink belonging to the TEXIPLAST® Series from PRINTOP®. It is especially formulated to obtain print that resembles the lunar surface. The heat sensitivity of the ingredients from this product allows the ink layer to react at 170°C (338°F)/60s, producing bubbles that explode and form micro-craters randomly scattered throughout the design. It may cause discoloration or ghosting on the back of certain fabrics (previous tests are strongly suggested). This product is phthalate free.

Main Features:

- New cratered system.
- Excellent adherence.
- Good coverage over dark fabrics.
- Excellent elasticity.

Tips/Directions:

Apply one layer, pre-dry repeat and cure.

Suggested Formulations:

1kg -> TXP Granite Base 100
40g (4%) -> TXP pigments

Observations:

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Recommendations:

Do not iron the printed area, do not dry-clean.
It is necessary to stir the product before printing.

Technical Table	
Version	6.0 Rev. 28/04/2015
Application	Screen Printing
Nature	Textile base to plastisol
Substrate	Cotton + polyester blends, 100% Polyester
Emulsion	Direct
Mesh N°	32 (th/cm) 83 (th/in)
Squeegee - Type	polyurethane
Squeegee - Durometer	70
Squeegee - Profile	Rectangular
Curing	Dryer: 170° C (338°F) / 60s
Thermal Transfer	--
Related Additives	--
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request.
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 20 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Ecofriendly: Phthalate-free. No contains DEHP-DOP, DnOP, DBP, BBP, DINP, DIDP, DIBP.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

It's the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

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TXP Mask Base 100

P6356 - Texiplast® Ecofriendly Plastisols

TXP Mask Base 100, is a plastisol textile base belonging to the TEXIPLAST® series from PRINTOP®. The rheology of this ink allows obtaining different types of forms and matte and smooth surfaces just by changing any variable in the printing process (pressure level, contact distance (screen - table), blind matrix, mesh number, etc.). It must be mixed with TXP Pigments to obtain the desired color. This product is phthalate free. It may cause discoloration or ghosting on the back of certain fabrics (previous tests are strongly suggested).

Main Features:

- Will not dry in the screens.
- Excellent adherence.
- "Matte" finish.
- Rugous finish.
- High elongation.
- Good coverage over dark fabrics.

Tips/Directions:

Ink + technique

Applying one layer, pre-dry, repeat without pre-drying, place an emulsified frame and simulate printing over it adding ink to facilitate the squeegee sliding.

Suggested Formulations:

1kg -> TXP Mask Base 100

40g (4%) -> TXP Pigments.

Observations:

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Recommendations:

Do not iron the printed area, do not dry-clean.

It is necessary to stir the product before printing.

Technical Table	
Version	5.0 Rev. 28/04/2015
Application	Screen Printing
Nature	Textile base to plastisol
Substrate	Cotton + polyester blends, 100% Polyester
Emulsion	Direct
Mesh N°	32 – 43 (th/cm) 83 – 110 (th/in)
Squeegee - Type	polyurethane
Squeegee - Durometer	70
Squeegee - Profile	Rectangular
Curing	Dryer: 160° C (320°F) / 60s
Thermal Transfer	--
Related Additives	--
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request.
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 20 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Ecofriendly: Phthalate-free. No contains DEHP-DOP, DnOP, DBP, BBP, DINP, DIDP, DIBP.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

It's the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

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TXP Rock Base 200

P6345 - Texiplast® Ecofriendly Plastisols

TXP Rock Base 200, is a plastisol base belonging to the TEXIPLAST® Series from PRINTOP®. It is designed to obtain rocky and uneven texture finishes. It can be applied over light or dark fabrics. It must be mixed with TXP Pigments to obtain the desired color. This product is phthalate free.

Main Features:

- Rocky and uneven texture.
- Will not dry in the screens.
- Excellent adherence.
- Soft hand.
- Excellent elasticity.
- Good coverage over dark fabrics.

Tips/Directions:

Apply one layer and cure.

Suggested Formulations:

1 kg -> TXP Rock Base 200
40 g (4%) -> TXP Pigments

Observations:

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Recommendations:

-The screen must have a tension of 18 to 25 newtons.
Do not iron the printed area, do not dry-clean.
It is necessary to stir the product before printing.

Technical Table	
Version	7.0 Rev. 28/04/2015
Application	Screen Printing
Nature	Textile base to plastisol
Substrate	100% cotton, Cotton + polyester blends
Emulsion	Capillary 250 to 400 microns
Mesh N°	32 – 43 (th/cm) 83 – 110 (th/in)
Squeegee - Type	polyurethane
Squeegee - Durometer	70
Squeegee - Profile	Rectangular
Curing	Dryer: 160° C (320°F) / 60s
Thermal Transfer	--
Related Additives	TXP Curable Reducer Plus = Viscosity reducer / TXP Thickener Powder = Viscosity increaser
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request.
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 20 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Ecofriendly: Phthalate-free. No contains DEHP-DOP, DnOP, DBP, BBP, DINP, DIDP, DIBP.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

It's the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

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TXP Punky Base 700

P6359 - Texiplast® Ecofriendly Plastisols

TXP Punky Base 700, is a plastisol textile base belonging to the TEXIPLAST® series from PRINTOP®. The rheology and viscosity of this ink allow obtaining different types of shiny forms and surfaces just by changing any variable in the printing process (pressure level, contact distance (mesh-pallet), blind matrix, mesh number, etc.). It must be mixed with TXP Pigments to obtain the desired color. This product is phthalate free.

Main Features:

- Rough and shiny finish.
- Excellent adherence.
- Elastic ink film.
- Optimum viscosity.

Tips/Directions:

Apply one layer, pre-dry, repeat printing reducing the squeegee pressure and cure.

Suggested Formulations:

1kg -> TXP Punky Base 700
40g (4%) -> Txp pigments

Observations:

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Recommendations:

Do not iron the printed area, do not dry-clean.
It is necessary to stir the product before printing.

Technical Table	
Version	5.0 Rev. 29/04/2015
Application	Screen Printing
Nature	Plastisol textile ink
Substrate	100% cotton, Cotton + polyester blends
Emulsion	Direct
Mesh N°	32 – 43 (th/cm) 83 – 110 (th/in)
Squeegee - Type	polyurethane
Squeegee - Durometer	70
Squeegee - Profile	Rectangular
Curing	Dryer: 160° C (320°F) / 60s
Thermal Transfer	--
Related Additives	TXP Curable Reducer Plus = Viscosity reducer / TXP Thickener Powder = Viscosity increaser
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request.
Presentation	Container: plastic. Modality: 1 kg Bucket, 25 kg Bucket, 5 kg Bucket, 100 kg Bucket, 5 Gl HDPE cont
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Ecofriendly: Phthalate-free. No contains DEHP-DOP, DnOP, DBP, BBP, DINP, DIDP, DIBP.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

It's the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

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TXP Pearl Base 700

P6350 - Texiplast® Ecofriendly Plastisols

TXP Pearl Base 700, is a plastisol textile base belonging to the TEXIPLAST® Series from PRINTOP®. It has been specially developed to obtain a semi-gloss pearl finish. It can be mixed with TXP Pigments to obtain the desired color. It has a good coverage over dark fabrics. A whole range of metallic colors can be obtained. This product is phthalate free.

Main Features:

- Semi- gloss finish.
- Elastic ink film.
- Excellent adherence.
- Good coverage over dark fabrics.

Tips/Directions:

Apply one layer, pre-dry, repeat and cure.

Suggested Formulations:

Used without pigment to obtain a glossy pearl color.

To obtain different colors:

1kg-> TXP Pearl Base 700

10-40g (1-4%) -> TXP Pigments

Observations:

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Recommendations:

Do not iron the printed area, do not dry-clean.

It is necessary to stir the product before printing.

Technical Table	
Version	5.0 Rev. 05/05/2015
Application	Screen Printing
Nature	Plastisol textile ink
Substrate	100% cotton, Cotton + polyester blends
Emulsion	Direct
Mesh N°	32 – 43 (th/cm) 83 – 110 (th/in)
Squeegee - Type	polyurethane
Squeegee - Durometer	70
Squeegee - Profile	Rectangular
Curing	Dryer: 160° C (320°F) / 60s
Thermal Transfer	Heat Transfer Press: 160° C (320°F)/15s Pressure 60 lb/sqin (psi)
Related Additives	TXP Curable Reducer Plus = Viscosity reducer / TXP Thickener Powder = Viscosity increaser
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request.
Presentation	Container: plastic. Modality: 1 kg Bucket, 25 kg Bucket, 5 kg Bucket, 100 kg Bucket, 5 Gl HDPE cont
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Ecofriendly: Phthalate-free. No contains DEHP-DOP, DnOP, DBP, BBP, DINP, DIDP, DIBP.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

It's the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

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TXP Sugar Fx

P6351 - Texiplast® Ecofriendly Plastisols

TXP Sugar Fx, is a plastisol textile ink belonging to the **TEXIPLAST®** Series from **PRINTOP®**. It has been specially formulated to obtaining a glitter finish simulating an application of Glitter Sugar. It must be applied on TXP Directs, to notice its effect. TXP Sugar Fx, forms a film of fine, well-spaced glittering particles, producing sparkles emphasizing the plastisol colors. It simplifies and reduces application time compared with the traditional process of sprinkling of Glitter Sugar. This product is phthalate free.

Main Features:

- Fine glittering small sized particles.
- Easy and rapid application.
- Shiny finish.
- Excellent adherence.

Tips/Directions:

Apply one layer, pre-dry and cure.

Suggested Formulations:

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Observations:

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Recommendations:

Apply over TXP Direct. Better affects are obtained applying over clear and medium underlays.

Do not iron the printed area, do not dry-clean.

It is necessary to stir the product before printing.

Technical Table	
Version	6.0 Rev. 06/05/2015
Application	Screen Printing
Nature	Plastisol textile ink
Substrate	100% cotton, Cotton + polyester blends
Emulsion	Direct
Mesh N°	32 – 43 (th/cm) 83 – 110 (th/in)
Squeegee - Type	polyurethane
Squeegee - Durometer	70
Squeegee - Profile	Rectangular
Curing	Dryer: 160° C (320°F) / 60s
Thermal Transfer	Heat Transfer Press: 160° C (320°F)/12s Pressure 60 lb/sqin (psi)
Related Additives	TXP Curable Reducer Plus = Viscosity reducer / TXP Thickener Powder = Viscosity increaser
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request.
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 20 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Ecofriendly: Phthalate-free. No contains DEHP-DOP, DnOP, DBP, BBP, DINP, DIDP, DIBP.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

It's the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

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Specialty Products

TXP Process

Texiplast® Ecofriendly Plastisols

TXP Process, are plastisol textile inks belonging to the Texiplast® Series from PRINTOP®. They are designed for screen printing of four-color or color processing type, such as photographs, work in multi-colors process or others similar. They are presented in four basic colors with two variations: TXP Process Cyan, TXP Process Yellow, TXP Process Magenta, TXP Process Black, TXP Process Yellow X and TXP Process Magenta X. In the case of Yellow and Magenta, the suffix "X" indicates that their shade approximates to the PANTONE® chart. These products can be used directly on a fabric or for indirect printing using a transfer paper process. This product is phthalate free.

Main Features:

- Flexible ink film, it won't harden the fabric.
- Excellent adherence.
- Soft hand.

Tips/Directions:

Ligth fabric:

Apply one layer, pre-dry and cure.

Dark fabric:

Apply one layer of TXP White, pre-dry, then apply one layer of TXP Process, pre-dry and cure.

Suggested Formulations:

To reduce shades:

1 kg -> TXP Process Cyan, Magenta, Yellow, Black.

100 g (10%) -> TXP Neutral SQ Mix Base

To concentrate shades:

1 kg -> TXP Process Cyan.

20 g (2%) -> TXP PGM Blue B PHT-FREE.

TXP Process Products :

	Code	Product
Optional:		
1	P6276	TXP Process Yellow X
2	P6278	TXP Process Magenta X
3	P6275	TXP Process Yellow
4	P6277	TXP Process Magenta
5	P6279	TXP Process Cyan
6	P6280	TXP Process Black

Observations:

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Recommendations:

Do not iron the printed area, do not dry-clean.

It is necessary to stir the product before printing.

Technical Table	
Version	7.0 Rev. 06/05/2015
Application	Screen Printing
Nature	Plastisol textile ink
Substrate	100% cotton, Cotton + polyester blends
Emulsion	Direct
Mesh N°	90 – 120 (th/cm) 230 – 305 (th/in)
Squeegee - Type	polyurethane
Squeegee - Durometer	70
Squeegee - Profile	Rectangular
Curing	Dryer: 160° C (320°F) / 60s
Thermal Transfer	Heat Transfer Press: 160° C (320°F)/12s Pressure 60 lb/sqin (psi)
Related Additives	TXP Curable Reducer Plus = Viscosity reducer / TXP Thickener Powder = Viscosity increaser
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request.
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 20 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Ecofriendly: Phthalate-free. No contains DEHP-DOP, DnOP, DBP, BBP, DINP, DIDP, DIBP.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

It's the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

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TXP Sparkle Gel

P7314 - Texiplast® Ecofriendly Plastisols

TXP Sparkle Gel, is a plastisol textile ink belonging to the TEXIPLAST® Series from PRINTOP®. It is designed to obtain 3D transparent golden sparks finish printings, giving a plastic bright appearance with wet touch (gel). It must be printed over dark fabrics. It has to be printed with 3D (high density) screen. This product is phthalate free.

Main Features:

- Plasticized with golden sparks finish.
- Wet touch appearance.
- Will not dry in the screens.
- Excellent adherence.

Tips/Directions:

Apply a layer, pre-dry, repeat and cure.

Suggested Formulations:

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Observations:

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Recommendations:

To get better results use mesh count 83 th/in (32 h/cm), thread diameter of 70 microns. Use 400-micron thick emulsion which is suggested for better results. Do not iron the printed area, do not dry-clean. It is necessary to stir the product before printing.

Technical Table	
Version	3.0 Rev. 09/05/2015
Application	Screen Printing
Nature	Plastisol textile ink
Substrate	100% cotton, Cotton + polyester blends
Emulsion	Capillary 250 to 400 microns
Mesh N°	32 (th/cm) 83 (th/in)
Squeegee - Type	polyurethane
Squeegee - Durometer	60
Squeegee - Profile	Square
Curing	Dryer: 160° C (320°F) / 60s
Thermal Transfer	--
Related Additives	TXP Gel Thickener = Thickener, TXP Quick Cure Additive= Curing time reducer.
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request.
Presentation	Container: plastic. Modality: 1 kg Bucket, 20 kg Bucket, 1 Gl Bucket, 5 Gl Bucket, 55 Gl Drum
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Ecofriendly: Phthalate-free. No contains DEHP-DOP, DnOP, DBP, BBP, DINP, DIDP, DIBP.

It's the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals. The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

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TXP Thermo-Gel

P6541 - Texiplast® Ecofriendly Plastisols

TXP Thermo-Gel, is a plastisol textile ink belonging to the TEXIPLAST® Series from PRINTOP®. It is designed to obtain printings with highly gloss, high puff and wet touch plasticized finish. It is also useful to perform works with foil on automatic machine without using transfer press. It can be printed on light and dark fabrics. It presents slight yellowing over light backgrounds. This product is phthalate free.

Main Features:

- Highly gloss plasticized finish.
- Rounded edges.
- Excellent adherence.
- Clear finish.
- Transparent finish.

Tips/Directions:

- As Gel:
Apply one layer, pre-dry, repeat and cure. For best three-dimensional effects, apply more layers.

- As Foil Adhesive:
Apply one layer and pre-dry, apply the second layer, evenly pre-dry, immediately apply the foil sheet, rub the area with a piece of fabric and/or apply a blind screen, remove the foil sheet and cure.

Suggested Formulations:

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Observations:

- Maintain its properties after 1000 times of exposure to UV lights.
- Avoid exposure under high temperatures for longer times.

Recommendations:

- Remove the product before working on machine.
- In order to apply the product as foil adhesive, the pallet must have a minimum temperature of 60°C (140°F).
- Do not iron the printed area, do not dry-clean.
- It is necessary to stir the product before printing.

Technical Table	
Version	3.0 Rev. 09/05/2015
Application	Screen Printing
Nature	Plastisol textile ink
Substrate	100% cotton, Cotton + polyester blends
Emulsion	As Gel: Capillary from 250 to 400 microns. As Foil Adhesive: Direct.
Mesh N°	32 – 43 (th/cm) 83 – 110 (th/in)
Squeegee - Type	Polyurethane
Squeegee - Durometer	60 or 70
Squeegee - Profile	rectangular
Curing	Dryer: As Gel, 160°C (320°F)/90s. As Foil Adhesive 160°C (320°F)/60s.
Thermal Transfer	--
Related Additives	--
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 20 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Ecofriendly: Phthalate-free. No contains DEHP-DOP, DnOP, DBP, BBP, DINP, DIDP, DIBP.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

It's the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run. The information on this Technical Data Sheet is based on our good faith and experience, therefore, it does not constitute in any way implicit or explicit warranty or liability due to the multiple ways, factors, application conditions and variety of existing fibers and materials beyond our control. The user must determine the applicability and the adaptability of the product for his particular intended use verifying all the properties and features described on this Technical Data Sheet, assuming for it all the risks, damages and consequences direct and indirect that this use supposes. Refer to the website for the latest version of this data sheet before using the product. All previous editions of this version and revision date are void.

TXP Top Coat Gel

P6348 - Texiplast® Ecofriendly Plastisols

TXP Top Coat Gel, is a high gloss transparent ink belonging to the TEXIPLAST® Series from PRINTOP®. It is used to obtain high gloss plasticized finish in the printings, enhancing the shades. This product is designed to be exclusively applied over TXP Direct, 3D or pigmented bases as a final ink layer (overcoat). This product is phthalate free.

Main Features:

- Highly transparent plasticized finish.
- Will not dry in the screens.
- Excellent adherence.

Tips/Directions:

Apply one layer, pre-dry, repeat and cure.

Suggested Formulations:

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Observations:

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Recommendations:

Do not mix with TXP Direct or TXP Pigment (do not use as an additive). To take better advantage of its properties, apply on high density 3D printings.

Do not iron the printed area, do not dry-clean.

It is necessary to stir the product before printing.

Technical Table	
Version	8.0 Rev. 09/05/2015
Application	Screen Printing
Nature	Plastisol textile ink
Substrate	100% cotton, Cotton + polyester blends
Emulsion	Direct
Mesh N°	43 (th/cm) 110 (th/in)
Squeegee - Type	polyurethane
Squeegee - Durometer	70
Squeegee - Profile	Rectangular
Curing	Dryer: 160° C (320°F) / 60s
Thermal Transfer	--
Related Additives	--
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request.
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 20 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Ecofriendly: Phthalate-free. No contains DEHP-DOP, DnOP, DBP, BBP, DINP, DIDP, DIBP.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

It's the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

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TXP Reflective Grey 100

P6360 - Texiplast® Ecofriendly Plastisols

TXP Reflective Grey 100, is a textile plastisol reflective ink belonging to the TEXIPLAST® Series from PRINTOP®. It is specially designed to obtain printings, where is required to highlight the visibility of an object in the dark or in a dim-lit room, it reflects the light exactly towards its source direction, as it is comprised of micro-particles which cause the retroreflective effect. It can be used in safety and decorative garments. This product is phthalate free.

Main Features:

- Reflective ink film.
- Excellent adherence.
- Soft hand.
- High elongation.
- Good coverage over dark fabrics.

Tips/Directions:

Apply one layer of 3 strokes, pre-dry and cure.

Suggested Formulations:

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Observations:

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Recommendations:

Apply a single layer only, as more layers would cancel the effect.
Do not apply on backgrounds, as it would reduce the effect.

Do not iron the printed area, do not dry-clean.
It is necessary to stir the product before printing.

Technical Table	
Version	4.0 Rev. 06/05/2015
Application	Screen Printing
Nature	Plastisol textile ink
Substrate	100% cotton, Cotton + polyester blends
Emulsion	Direct
Mesh N°	32 – 43 (th/cm) 83 – 110 (th/in)
Squeegee - Type	polyurethane
Squeegee - Durometer	60
Squeegee - Profile	Rectangular
Curing	Dryer: 160° C (320°F) / 60s
Thermal Transfer	--
Related Additives	--
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request.
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 20 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Ecofriendly: Phthalate-free. No contains DEHP-DOP, DnOP, DBP, BBP, DINP, DIDP, DIBP.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

It's the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

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IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

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TXP Shimmer

Texiplast® Ecofriendly Plastisols

TXP Shimmer, is a plastisol textile ink belonging to the TEXIPLAST® Series from PRINTOP®. It has been specially designed to get a semi-glossy finish printing. It can be applied directly on light and dark fabrics. It is presented in golden and silver color. This product is phthalate free.

Main Features:

- Semi-glossy finish.
- Excellent adherence.
- Good coverage over dark fabrics.

Tips/Directions:

Apply one layer, pre-dry and cure.

Suggested Formulations:

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TXP Shimmer Products :

	Code	Product
Optional:		
1	P6328	TXP Shimmer Silver
2	P6313	TXP Shimmer Gold

Observations:

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Recommendations:

Do not iron the printed area, do not dry-clean.
It is necessary to stir the product before printing.

Technical Table	
Version	8.0 Rev. 05/05/2015
Application	Screen Printing
Nature	Plastisol textile ink
Substrate	100% cotton, Cotton + polyester blends
Emulsion	Direct
Mesh N°	32 – 43 (th/cm) 83 – 110 (th/in)
Squeegee - Type	polyurethane
Squeegee - Durometer	70
Squeegee - Profile	Rectangular
Curing	Dryer: 160° C (320°F) / 60s
Thermal Transfer	Heat Transfer Press: 160° C (320°F)/12s Pressure 60 lb/sqin (psi)
Related Additives	TXP Curable Reducer Plus = Viscosity reducer / TXP Thickener Powder = Viscosity increaser
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request.
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 20 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Ecofriendly: Phthalate-free. No contains DEHP-DOP, DnOP, DBP, BBP, DINP, DIDP, DIBP.

It's the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.
The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

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TXP Shimmer Base 700

P6258 - Texiplast® Ecofriendly Plastisols

TXP Shimmer Base 700, is a coloring base belonging to the TEXIPLAST® Series from PRINTOP®. It has been specially designed to be pigmented giving the print a glossy sparkling finish. It can be applied on light and dark fabrics. The "sparkles" maintain their original gloss even after been pigmented. This product is phthalate free.

Main Features:

- Semi-glossy finish.
- Flexible ink film, it won't harden the fabric.
- Excellent adherence.
- Soft hand.
- Acceptable coverage over dark fabrics.

Tips/Directions:

Apply one layer, pre-dry and cure.

Suggested Formulations:

1 kg -> TXP Shimmer Base 700
20-40g (2-4%) -> TXP Pigment

Observations:

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Recommendations:

Do not iron the printed area, do not dry-clean.
It is necessary to stir the product before printing.

Technical Table	
Version	6.0 Rev. 05/05/2015
Application	Screen Printing
Nature	Textile base to plastisol
Substrate	100% cotton, Cotton + polyester blends
Emulsion	Direct
Mesh N°	32 (th/cm) 83 (th/in)
Squeegee - Type	polyurethane
Squeegee - Durometer	70
Squeegee - Profile	Rectangular
Curing	Dryer: 160° C (320°F) / 60s
Thermal Transfer	Heat Transfer Press: 160° C (320°F)/15s Pressure 60 lb/sqin (psi)
Related Additives	TXP Curable Reducer Plus = Viscosity reducer
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request.
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 20 kg Bucket
Best If Used Within	12 months.

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Ecofriendly: Phthalate-free. No contains DEHP-DOP, DnOP, DBP, BBP, DINP, DIDP, DIBP.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

It's the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

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TXP Shimmer Gold

P6313 - Texiplast® Ecofriendly Plastisols

TXP Shimmer Gold, is a plastisol textile ink belonging to the TEXIPLAST® Series from PRINTOP®. It has been specially formulated to obtain a semi glossy golden finish printing. It is applied directly over light and dark fabrics. This product is phthalate free.

Main Features:

- Semi glossy golden finish.
- Excellent adherence.
- Good coverage over dark fabrics.

Tips/Directions:

Apply one layer, pre-dry and cure.

Suggested Formulations:

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Observations:

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Recommendations:

Do not iron the printed area, do not dry-clean.
It is necessary to stir the product before printing.

Technical Table	
Version	1.0 Rev. 05/05/2015
Application	Screen Printing
Nature	Plastisol textile ink
Substrate	100% cotton, Cotton + polyester blends
Emulsion	Direct
Mesh N°	32 – 43 (th/cm) 83 – 110 (th/in)
Squeegee - Type	Polyurethane
Squeegee - Durometer	70
Squeegee - Profile	Square
Curing	Dryer: 160° C (320°F) / 60s
Thermal Transfer	Heat Transfer Press: 160° C (320°F)/12s Pressure 60 lb/sqin (psi)
Related Additives	--
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 20 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Ecofriendly: Phthalate-free. No contains DEHP-DOP, DnOP, DBP, BBP, DINP, DIDP, DIBP.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

It's the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

The information on this Technical Data Sheet is based on our good faith and experience, therefore, it does not constitute in any way implicit or explicit warranty or liability due to the multiple ways, factors, application conditions and variety of existing fibers and materials beyond our control. The user must determine the applicability and the adaptability of the product for his particular intended use verifying all the properties and features described on this Technical Data Sheet, assuming for it all the risks, damages and consequences direct and indirect that this use supposes. Refer to the website for the latest version of this data sheet before using the product. All previous editions of this version and revision date are void.

TXP Autolux GITD

P6830 - Texiplast® Ecofriendly Plastisols

TXP Autolux GITD, is a plastisol self-luminescent ink belonging to PRINTOP®'s TEXISPLAST® Series. It is used on light and dark fabrics. With TXP Autolux GITD spectacular effects are obtained on T-shirts and other textile articles due to its property of **Glowing In The Dark**. Its luminosity is lower than TXP Autolux ED-X PHT-FREE. This product is phthalate free.

Main Features:

- Greenish Luminescent color.
- Flexible ink film, it won't harden the fabric.
- Excellent adherence.
- Soft hand.

Tips/Directions:

Light fabrics:

Apply one layer, pre-dry and cure.

Dark fabrics:

Apply one layer of TXP White, pre-dry, apply one layer of TXP Autolux GITD, and cure.

Suggested Formulations:

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Observations:

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Recommendations:

Do not iron the printed area, do not dry-clean.

It is necessary to stir the product before printing.

Technical Table	
Version	1.0 Rev. 15/09/2015
Application	Screen Printing
Nature	Plastisol textile ink
Substrate	100% cotton, Cotton + polyester blends
Emulsion	Direct
Mesh N°	32 – 43 (th/cm) 83 – 110 (th/in)
Squeegee - Type	Polyurethane
Squeegee - Durometer	70
Squeegee - Profile	Square
Curing	Dryer: 160° C (320°F) / 60s
Thermal Transfer	--
Related Additives	TXP Curable Reducer Plus = Viscosity reducer / TXP Thickener Powder = Viscosity increaser
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 20 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

PHT-FREE: Phthalate-free.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

Is the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

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TXP Autolux GITD Plus

P6375 - Texiplast® Ecofriendly Plastisols

TXP Autolux GITD Plus, is a plastisol self-luminescent ink belonging to the PRINTOP®'s TEXIPLAST® Series. It is used on light and dark fabrics. With TXP Autolux GITD Plus spectacular effects are obtained on T-shirts and other textile articles due to its property of glowing in the dark. The use of this product converts printings into a fertile field for the user imagination. This product is phthalate free.

Main Features:

- Highly luminescent greenish color.
- Flexible ink film, it won't harden the fabric.
- Excellent adherence.
- Soft hand.

Tips/Directions:

Light Fabrics:

Apply one layer, pre-dry and cure.

Dark Fabrics:

Apply one coat of TXP White, pre-dry and apply one coat of TXP Autolux GITD Plus and cure.

Suggested Formulations:

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Observations:

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Recommendations:

Do not iron the printed area, do not dry-clean.

It is necessary to stir the product before printing.

Technical Table	
Version	6.0 Rev. 09/05/2015
Application	Screen Printing
Nature	Plastisol textile ink
Substrate	100% cotton, Cotton + polyester blends
Emulsion	Direct
Mesh N°	32 – 43 (th/cm) 83 – 110 (th/in)
Squeegee - Type	polyurethane
Squeegee - Durometer	70
Squeegee - Profile	Rectangular
Curing	Dryer: 160° C (320°F) / 60s
Thermal Transfer	Heat Transfer Press: 160° C (320°F)/12s Pressure 60 lb/sqin (psi)
Related Additives	TXP Curable Reducer Plus = Viscosity reducer / TXP Thickener Powder = Viscosity increaser
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request.
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 20 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Ecofriendly: Phthalate-free. No contains DEHP-DOP, DnOP, DBP, BBP, DINP, DIDP, DIBP.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

Is the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

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TXP Expansol Neutral Base 200

P7009 - Texiplast® Ecofriendly Plastisols

TXP Expansol Neutral Base 200, is a plastisol neutral textile base belonging to the TEXIPLAST® Series from PRINTOP®. It has been specially formulated to resist high elongation of "ribbed" materials (used for collars), stretched fabrics (lycra) etc. It avoids cracking of the printing and recovers its extension and shape once the tension stops. It should be used for background printing in order to take a better advantage of its characteristics. This product is phthalate free.

Main Features:

- Elastic ink film.
- Very good supple print with ability to stretch and regain its original shape.
- Excellent adherence.
- Excellent elasticity.

Tips/Directions:

Apply one layer, pre-dry and repeat, then print the plastisol ink, pre-dry and cure.

Suggested Formulations:

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Observations:

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Recommendations:

Do not iron the printed area, do not dry-clean.
It is necessary to stir the product before printing.

Technical Table	
Version	2.0 Rev. 12/05/2015
Application	Screen Printing
Nature	Textile base to plastisol
Substrate	100% cotton, Cotton + polyester blends, 100% Polyester
Emulsion	Direct
Mesh N°	32 – 43 (th/cm) 83 – 110 (th/in)
Squeegee - Type	Polyurethane
Squeegee - Durometer	70
Squeegee - Profile	Square
Curing	Dryer: 160° C (320°F) / 60s
Thermal Transfer	--
Related Additives	TXP Curable Reducer Plus = Viscosity reducer / TXP Thickener Powder = Viscosity increaser
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 20 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Ecofriendly: Phthalate-free. No contains DEHP-DOP, DnOP, DBP, BBP, DINP, DIDP, DIBP.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

It's the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

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TXP Metallic

P6426 - Texiplast® Ecofriendly Plastisols

TXP Metallic, is a plastisol textile ink belonging to the TEXIPLAST® Series from PRINTOP®. It has been specially designed to obtain a silver printing with semi-glossy finish. It can be directly applied on light and dark fabrics. This product is phthalate free.

Main Features:

- Semi-glossy silver finish.
- Excellent adherence.
- High elongation.
- Good coverage over dark fabrics.

Tips/Directions:

Apply one layer, pre-dry and cure.

Suggested Formulations:

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Observations:

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Recommendations:

Do not iron the printed area, do not dry-clean.
It is necessary to stir the product before printing.

Technical Table	
Version	5.0 Rev. 06/05/2015
Application	Screen Printing
Nature	Plastisol textile ink
Substrate	100% cotton, Cotton + polyester blends
Emulsion	Direct
Mesh N°	32 – 43 (th/cm) 83 – 110 (th/in)
Squeegee - Type	Polyurethane
Squeegee - Durometer	70
Squeegee - Profile	Square
Curing	Dryer: 160° C (320°F) / 60s
Thermal Transfer	Heat Transfer Press: 160° C (320°F)/12s Pressure 60 lb/sqin (psi)
Related Additives	TXP Curable Reducer Plus = Viscosity reducer / TXP Thickener Powder = Viscosity increaser
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 20 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Ecofriendly: Phthalate-free. No contains DEHP-DOP, DnOP, DBP, BBP, DINP, DIDP, DIBP.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

It's the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

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TXP Photochromic

Subject to specific restrictions

Texiplast®

TXP Photochromic, are a set of inks belonging to the TEXIPLAST® Series from PRINTOP® that activates its color when exposed to light sources with ultraviolet components such as sunlight. It is specially formulated to obtain printings which increase their color according to the light conditions, the printed color remains its clearness indoors and highlight its colors at outdoors. The set of colors includes: Green, Yellow, Red and Blue. Apply over light fabrics. This product is phthalate free.

Main Features:

- Brings out its color with sunlight.
- Can be mixed between each other.
- Flexible ink film, it won't harden the fabric.
- Will not dry in the screens.
- Excellent adherence.
- Soft hand.

Tips/Directions:

Apply one layer, pre-dry and cure.

Suggested Formulations:

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TXP Photochromic Products :

	Code	Product
1	P5952	TXP Photochromic Blue
2	P5953	TXP Photochromic Green
3	P6571	TXP Photochromic Red
4	P5951	TXP Photochromic Yellow

Observations:

- Avoid exposure under high temperatures for long times.

Recommendations:

Do not iron the printed area, do not dry-clean.
It is necessary to stir the product before printing.

Technical Table	
Version	3.0 Rev. 12/05/2015
Application	Screen Printing
Nature	Plastisol textile ink
Substrate	100% cotton, Cotton + polyester blends
Emulsion	Direct
Mesh N°	43 (th/cm) 110 (th/in)
Squeegee - Type	polyurethane
Squeegee - Durometer	70
Squeegee - Profile	Rectangular
Curing	Dryer: 160° C (320°F) / 60s
Thermal Transfer	--
Related Additives	TXP Curable Reducer Plus = Viscosity reducer / TXP Thickener Powder = Viscosity increaser
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request.
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 20 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

PHT-FREE: Phthalate-free.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

Due to its raw materials' chemical nature, this product contains traces of formaldehyde.

It's the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

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TXP Thermochromic

Subject to specific restrictions

Texiplast®

TXP Thermochromic, is a set of inks belonging to the TEXIPLAST® Series from PRINTOP®. It is designed to gradually vary its color until become colorless while is exposed to temperatures above 88°F (31°C) returning to its original color at lower temperatures. These inks show color when printed at room temperature and they become transparent when rubbing your fingers on the printed area or gets contact with your skin heat. We have available the following colors: Yellow, Magenta, Blue, Black and Dark Blue. Apply on light fabrics. This product is phthalate free.

Main Features:

- Can be mixed together to obtain different colors.
- Flexible ink film, it won't harden the fabric.
- Elastic ink film.
- Will not dry in the screens.
- Excellent adherence.
- Soft hand.
- Become clear turning transparent under temperatures above 88°F and they recover their initial color at lower temperatures.

Tips/Directions:

Print one layer and cure.

Suggested Formulations:

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TXP Thermochromic Products :

	Code	Product
1	P6091	TXP Thermochromic Magenta
2	P6092	TXP Thermochromic Yellow
3	P6094	TXP Thermochromic Black
4	P8368	TXP Thermochromic Dark Blue

Observations:

- Avoid exposures under high temperatures for long times.

Recommendations:

Do not iron the printed area, do not dry-clean.

It is necessary to stir the product before printing.

Technical Table	
Version	3.0 Rev. 12/05/2015
Application	Screen Printing
Nature	Plastisol textile ink
Substrate	100% cotton, Cotton + polyester blends
Emulsion	Direct
Mesh N°	43 (th/cm) 110 (th/in)
Squeegee - Type	Polyurethane
Squeegee - Durometer	70
Squeegee - Profile	Square
Curing	Dryer: 160° C (320°F) / 60s
Thermal Transfer	--
Related Additives	TXP Curable Reducer Plus = Viscosity reducer / TXP Thickener Powder = Viscosity increaser
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 20 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

PHT-FREE: Phthalate-free.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

Due to its raw materials' chemical nature, this product contains traces of formaldehyde.

It's the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

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TXP 3D White

P6931 - Texiplast® Ecofriendly Plastisols

TXP 3D White, is a plastisol textile ink that belongs to the TEXIPLAST® Series from PRINTOP®. It is formulated to obtain three-dimensional printings on white color directly to dark or light fabrics. Many ink layers can be overprinted maintaining its straightness or edges definition. This product is phthalate free.

Main Features:

- Three-dimensional sharpedge finish.
- Flexible ink film, it won't harden the fabric.
- Excellent adherence.
- Soft hand.
- High elongation.
- Excellent coverage over dark fabrics.

Tips/Directions:

Apply one layer, pre-dry, repeat and cure.
Many layers can be applied to obtain a major three-dimensional effect.

Suggested Formulations:

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Observations:

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Recommendations:

Do not iron the printed area, do not dry-clean.
It is necessary to stir the product before printing.

Technical Table	
Version	2.0 Rev. 12/05/2015
Application	Screen Printing
Nature	Plastisol textile ink
Substrate	100% cotton, Cotton + polyester blends
Emulsion	Capillary 250 to 400 microns
Mesh N°	32 – 43 (th/cm) 83 – 110 (th/in)
Squeegee - Type	polyurethane
Squeegee - Durometer	70 or double hardness
Squeegee - Profile	Rectangular
Curing	Dryer: 160° C (320°F) / 60s
Thermal Transfer	--
Related Additives	TXP Sharpedge Additive = Improve the definition and sharpness of a three-dimensional printing. / / TXP Thickener Powder = Viscosity increaser
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request.
Presentation	Container: plastic. Modality: 1 kg Bucket, 25 kg Bucket, 5 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Ecofriendly: Phthalate-free. No contains DEHP-DOP, DnOP, DBP, BBP, DINP, DIDP, DIBP.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

It's the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

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TXP Soft Top

Texiplast® Ecofriendly Plastisols

TXP Soft Top, are plastisol bases belonging to the TEXIPLAST® Series from PRINTOP®. It is designed to overprint 3D inks and obtain ultra soft, flat and mate printings. Versions: TXP Soft Top Base 100, TXP Soft Top Clear 100 both to be pigmented and used on dark and light fabrics; also, TXP Soft Top Black for direct application with the properly black pigment concentration. This product is phthalate free.

Main Features:

- Very smooth texture.
- Will not dry in the screens.
- Good adherence.
- "Matte" finish.
- Good coverage over dark fabrics.

Tips/Directions:

- For better results apply low-speed stroke.
- It is suggested to print with TXP Soft Top printed on 2 layers over TXP 3D Bottom Base 100 to clearly appreciate the finish.

Suggested Formulations:

To obtain desired color:

- 1kg -> TXP Soft Top Base 100
- 100 - 120g (10-12% -> TXP Pigments

TXP Soft Top Products :

	Code	Product
1	P6355	TXP Soft Top Base 100
2	P6354	TXP Soft Top Black

Observations:

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Recommendations:

- Do not iron the printed area, do not dry-clean.
- It is necessary to stir the product before printing.

Technical Table	
Version	6.0 Rev. 12/05/2015
Application	Screen Printing
Nature	Plastisol textile ink
Substrate	100% cotton, Cotton + polyester blends
Emulsion	Direct
Mesh N°	61 – 77 (th/cm) 156 – 195 (th/in)
Squeegee - Type	polyurethane
Squeegee - Durometer	70
Squeegee - Profile	Square
Curing	Dryer: 160° C (320°F) / 60s
Thermal Transfer	--
Related Additives	TXP Curable Reducer Plus = Viscosity reducer / TXP Thickener Powder = Viscosity increaser
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request.
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 20 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Ecofriendly: Phthalate-free. No contains DEHP-DOP, DnOP, DBP, BBP, DINP, DIDP, DIBP.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

It's the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Quimica Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

The information on this Technical Data Sheet is based on our good faith and experience, therefore, it does not constitute in any way implicit or explicit warranty or liability due to the multiple ways, factors, application conditions and variety of existing fibers and materials beyond our control. The user must determine the applicability and the adaptability of the product for his particular intended use verifying all the properties and features described on this Technical Data Sheet, assuming for it all the risks, damages and consequences direct and indirect that this use supposes. Refer to the website for the latest version of this data sheet before using the product. All previous editions of this version and revision date are void.

TXP Transtex HS Mix Base 100

P7042 - Texiplast® Ecofriendly Plastisols

TXP Transtex HS Mix Base 100, is a product belonging to the **TEXIPLAST®** Series from **PRINTOP®**. It is specially designed for screen printing of four-color or color processing, without losing weaving definition. This product is applied on Hot Split paper and, then, it is transferred to the fabric. The paper is removed while it is still hot obtaining a very soft finish. This product is phthalate free. It may cause discoloration or ghosting on the back of certain fabrics (previous tests are strongly suggested)

Main Features:

- Ultrasoft finish.
- Flexible ink film, it won't harden the fabric.
- Will not dry in the screens.
- Excellent adherence.
- "Matte" finish.

Tips/Directions:

Apply a first layer of ink on mesh 90h/cm (230th/inch) without pigment, pre-dry and apply a second layer of the same pigmented product on mesh 120 h/cm (305 th/inch) in weaved design, pre-dry in an oven at 320°F (360°C) of temperature for 5-10 seconds and transfer.

Suggested Formulations:

To obtain different colors:

1kg -> TXP Transtex HS Mix Base 100
60g (6%)-> TXP Pigments

Observations:

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Recommendations:

To improve garment's adherences with high demand on rubbing and washing, we recommend to use Transafix 800 (powder adhesive), by sprinkling it on top of the wet ink film of TXP Transtex HS Mix Base 100.

Do not iron the printed area, do not dry-clean.

It is necessary to stir the product before printing.

Technical Table	
Version	3.0 Rev. 12/05/2015
Application	Screen Printing
Nature	Textile base to plastisol
Substrate	Cotton + polyester blends, 100% Polyester
Emulsion	Direct
Mesh N°	90 – 120 (th/cm) 230 – 305 (th/in)
Squeegee - Type	Polyurethane
Squeegee - Durometer	70
Squeegee - Profile	Square
Curing	--
Thermal Transfer	Heat Transfer Press: 190° C (374°F)/7s Pressure 40 lb/sqin (psi)
Related Additives	TXP Thickener Powder = Viscosity increaser
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 20 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Ecofriendly: Phthalate-free. No contains DEHP-DOP, DnOP, DBP, BBP, DINP, DIDP, DIBP.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

It's the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

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TXP Transtex HS Puff Base 100

P7382 - Texiplast® Ecofriendly Plastisols

TXP Transtex HS Puff Base 100, is a product belonging to the TEXIPLAST® Series from PRINTOP®. It is specially designed to work on transfer with high puff finish, it is applied in Hot Split paper then it is transferred to the fabric removing the paper while it is hot in order to obtain high puff soft finish. This product is phthalate free.

Main Features:

- High puff soft finish.
- Flexible ink film, it won't harden the fabric.
- Will not dry in the screens.

Tips/Directions:

Apply one layer of TXP Transtex HS Mix Base 100 without pigmenting, pre-dry, apply a second layer of TXP Direct (Colors), pre-dry, as last layer apply TXP Transtex HS Puff Base 100, pre-dry in an oven under 320°F (160°C) of temperature for 5-10 seconds and transfer.

Suggested Formulations:

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Observations:

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Recommendations:

To improve adherence to garments that receive high demand on rubbing and washing, we recommend sprinkling Transafix 800 (powder adhesive), over the last wet layer.

Do not iron the printed area, do not dry-clean.

It is necessary to stir the product before printing.

Technical Table	
Version	1.0 Rev. 12/05/2015
Application	Screen Printing
Nature	Plastisol textile ink
Substrate	100% cotton, Cotton + polyester blends
Emulsion	Direct
Mesh N°	43 (th/cm) 110 (th/in)
Squeegee - Type	Polyurethane
Squeegee - Durometer	70
Squeegee - Profile	Square
Curing	--
Thermal Transfer	Heat Transfer Press: 190° C (374°F)/5s Pressure 40 lb/sqin (psi)
Related Additives	TXP Curable Reducer Plus = Viscosity reducer / TXP Thickener Powder = Viscosity increaser
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 20 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Ecofriendly: Phthalate-free. No contains DEHP-DOP, DnOP, DBP, BBP, DINP, DIDP, DIBP.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

It's the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

The information on this Technical Data Sheet is based on our good faith and experience, therefore, it does not constitute in any way implicit or explicit warranty or liability due to the multiple ways, factors, application conditions and variety of existing fibers and materials beyond our control. The user must determine the applicability and the adaptability of the product for his particular intended use verifying all the properties and features described on this Technical Data Sheet, assuming for it all the risks, damages and consequences direct and indirect that this use supposes. Refer to the website for the latest version of this data sheet before using the product. All previous editions of this version and revision date are void.

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TXP Transtex Multi-White

P8532 - Texiplast® Ecofriendly Plastisols

TXP Transtex Multi-White, is a product belonging to the TEXIPLAST® Series from PRINTOP®. It is a white ink specially designed to perform Hot Split Transfers. This product is applied on Hot Split paper and, then, it is transferred to the fabric removing the paper while it is still hot. It is obtained a very soft final finish. This product is phthalate free. It may cause discoloration or ghosting on the back of certain fabrics (previous tests are strongly suggested).

Main Features:

- Ultrasoft finish.
- Flexible ink film, it won't harden the fabric.
- Matte finish.
- Good coverage over dark fabrics.

Tips/Directions:

Apply one layer, pre-dry at 320°F (160°C) in an oven for 5-10 seconds and transfer.

Suggested Formulations:

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Observations:

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Recommendations:

To improve adherence to garments that receive high demand on rubbing and washing, we recommend to use Transafix 800 (powder adhesive) sprinkling it over a wet layer of TXP Transtex Multi-White.

Do not iron the printed area, do not dry-clean.

Technical Table	
Version	2.0 Rev. 12/05/2015
Application	Screen Printing
Nature	Plastisol textile ink
Substrate	Cotton + polyester blends, 100% Polyester
Emulsion	Direct
Mesh N°	43 – 90 (th/cm) 110 – 230 (th/in)
Squeegee - Type	Polyurethane
Squeegee - Durometer	70
Squeegee - Profile	Square
Curing	--
Thermal Transfer	Heat Transfer Press: 190° C (374°F)/5s Pressure 40 lb/sqin (psi)
Related Additives	TXP Curable Reducer Plus = Viscosity reducer / TXP Thickener Powder = Viscosity increaser
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request
Presentation	Container: plastic. Modality: 250 g Bottle, 1 kg Bucket, 5 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Ecofriendly: Phthalate-free. No contains DEHP-DOP, DnOP, DBP, BBP, DINP, DIDP, DIBP.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

It's the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

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TXP Transtex Multi- Black

P9138 - Texiplast® Ecofriendly Plastisols

TXP Transtex Multi- Black, is a product belonging to the PRINTOP®'s TEXIPLAST® Series. It is specially designed to perform Hot Spilt transfers. This product is applied on Hot Split paper and, then, it is transferred to the fabric removing the paper while it is still hot. It is obtained a very soft finish. This product is phthalate free. It may cause discoloration or ghosting on the back of certain fabrics (previous tests are strongly suggested).

Main Features:

- Flexible ink film, it won't harden the fabric.
- Matte finish.
- Good tensile strength and stretchability.
- Soft hand.
- Good wash resistance.

Tips/Directions:

Apply one layer, pre-dry to 160°C (320°F) per 5 seconds.

Suggested Formulations:

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Observations:

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Recommendations:

To improve adherence to garments that receive high demand on rubbing and washing, we recommend to use Transafix 800 (powder adhesive) sprinkling it over the wet layer of TXP Transtex Multi-Black.

Technical Table	
Version	2.0 Rev. 06/08/2013
Application	Screen Printing
Nature	Plastisol textile ink
Substrate	Cotton + polyester blends, 100% Polyester
Emulsion	Direct
Mesh N°	43 (th/cm) 110 (th/in)
Squeegee - Type	Polyurethane
Squeegee - Durometer	70
Squeegee - Profile	Square
Curing	--
Thermal Transfer	Heat Transfer Press: 190° C (374°F)/5s Pressure 40 lb/sqin (psi)
Related Additives	--
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request
Presentation	--
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108).

Ecofriendly: Phthalate-free. No contains DEHP-DOP, DnOP, DBP, BBP, DINP, DIDP, DIBP.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

Is the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals. The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

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TXP 3D Mix Base 300

P6307 - Texiplast® Ecofriendly Plastisols

TXP 3D Mix Base 300, is a three-dimensional plastisol textile base belonging to the TEXIPLAST® Series from PRINTOP®. It is designed to obtain sharp-edge 3D ("high density") printings. Its main characteristic is that after being pigmented, it maintains its reology. This product is phthalate free.

Main Features:

- Three-dimensional sharp-edge finish.
- Allows to get intense shades.
- Low pigment consumption.
- Elastic ink film.
- Excellent adherence.
- Soft hand.
- Good coverage over dark fabrics.

Tips/Directions:

- Apply one layer, pre-dry, repeat and cure.

Suggested Formulations:

To obtain different colors:

1 kg -> TXP 3D Mix Base 300

60 g (6%) -> TXP Pigments

Observations:

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Recommendations:

For TXP 3D Mix Base 300 is recommended to use a mesh of 32 th/cm (81 th/in) with 70 micron thread or similar to obtain a greater deposit.

Do not iron the printed area, do not dry-clean.

It is necessary to stir the product before printing.

Technical Table	
Version	4.0 Rev. 12/05/2015
Application	Screen Printing
Nature	Textile base to plastisol
Substrate	100% cotton, Cotton + polyester blends
Emulsion	Capillary 250 to 400 microns
Mesh N°	32 – 43 (th/cm) 83 – 110 (th/in)
Squeegee - Type	polyurethane
Squeegee - Durometer	70 or double hardness
Squeegee - Profile	Square
Curing	Dryer: 160° C (320°F) / 60s
Thermal Transfer	--
Related Additives	TXP Thickener Powder = Viscosity increaser
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request.
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 20 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Ecofriendly: Phthalate-free. No contains DEHP-DOP, DnOP, DBP, BBP, DINP, DIDP, DIBP.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

It's the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

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TXP 3D Bottom Base 100

P6306 - Texiplast® Ecofriendly Plastisols

TXP 3D Bottom Base 100, is a transparent three-dimensional plastisol textile base belonging to the TEXIPLAST® Series from PRINTOP®. It is designed to obtain three-dimensional sharp-edge finishes. This 3D ink is recommended to be used as underbase or overprint base for TXP Direct inks or TXP Soft Top (spot inks) offering the possibility of obtaining different 3D colors (high density) on a single 3D screen, which eases 3D works and achieves significant savings. This product is phthalate free.

Main Features:

- Three-dimensional sharp-edge finish.
- Flexible ink film, it won't harden the fabric.
- Elastic ink film.
- Excellent adherence.
- Soft hand.
- Clear finish.

Tips/Directions:

Apply one layer, pre-dry, repeat, then print TXP Directs (colors) inks or TXP Soft Top (all) and cure.

Suggested Formulations:

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Observations:

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Recommendations:

- For best results, the usage of a mesh 32 th/cm (81 th/in) with a 70-80 micron thread or similar is strongly recommended.
 - To obtain a highly soft surface it is recommended to use TXP Soft Top Base 100 as overprint color pigmented with the desired color.
- Do not iron the printed area, do not dry-clean.
It is necessary to stir the product before printing.

Technical Table	
Version	5.0 Rev. 12/05/2015
Application	Screen Printing
Nature	Plastisol textile ink
Substrate	100% cotton, Cotton + polyester blends
Emulsion	Capillary 250 to 400 microns
Mesh N°	32 – 43 (th/cm) 83 – 110 (th/in)
Squeegee - Type	polyurethane
Squeegee - Durometer	70 or double hardness
Squeegee - Profile	Square
Curing	Dryer: 160° C (320°F) / 60s
Thermal Transfer	--
Related Additives	TXP Thickener Powder = Viscosity increaser
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request.
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 20 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Ecofriendly: Phthalate-free. No contains DEHP-DOP, DnOP, DBP, BBP, DINP, DIDP, DIBP.

It's the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.
The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

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TXP Glitter Base 300

P6260 - Texiplast® Ecofriendly Plastisols

TXP Glitter Base 300, is a plastisol neutral textile base belonging to the TEXIPLAST® Series from PRINTOP®. It has been specially designed to act as mixing base with glitters or metallic particles. Its high transparency enables the glitter particles produce a gloss of higher radiance. This product is phthalate free.

Main Features:

- Enables to obtain a glossy finish.
- High transparency.
- Excellent adherence.
- Laminated finish.

Tips/Directions:

Apply one layer and cure.

Suggested Formulations:

To obtain different colors:
1kg -> TXP Glitter Base 300
100-130g (10-13%)-> Glitter Powder.

Observations:

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Recommendations:

Do not iron the printed area, do not dry-clean.
It is necessary to stir the product before printing.

Technical Table	
Version	6.0 Rev. 29/04/2015
Application	Screen Printing
Nature	Textile base to plastisol
Substrate	100% cotton, Cotton + polyester blends
Emulsion	Direct
Mesh N°	10 – 15 (th/cm) 25 – 40 (th/in)
Squeegee - Type	polyurethane
Squeegee - Durometer	70
Squeegee - Profile	Rectangular
Curing	Dryer: 160° C (320°F) / 60s
Thermal Transfer	Heat Transfer Press: 160° C (320°F)/15s Pressure 60 lb/sqin (psi)
Related Additives	--
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request.
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 20 kg Bucket
Best If Used Within	12 months.

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Ecofriendly: Phthalate-free. No contains DEHP-DOP, DnOP, DBP, BBP, DINP, DIDP, DIBP.

It's the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals. The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run. The information on this Technical Data Sheet is based on our good faith and experience, therefore, it does not constitute in any way implicit or explicit warranty or liability due to the multiple ways, factors, application conditions and variety of existing fibers and materials beyond our control. The user must determine the applicability and the adaptability of the product for his particular intended use verifying all the properties and features described on this Technical Data Sheet, assuming for it all the risks, damages and consequences direct and indirect that this use supposes. Refer to the website for the latest version of this data sheet before using the product. All previous editions of this version and revision date are void.

TXP Greystop 700

P6470 - Texiplast® Ecofriendly Plastisols

TXP Greystop 700, is an base for direct application belonging to Texiplast® series from PRINTOP®. This product characterizes fro being a base that blocks or controls dye migration from the fabric that frequently stains the printed ink layer. This usually occurs on dyed polyester fabrics and/or fiber blends. It has to be printed as a first layer or primer and after pre-drying it, print on top all the colors. This product is phthalate free.

Main Features:

- Very useful when printing white on dyed polyester fabrics.
- Blocks or controls the migration of the dye to the printing.
- Elastic ink film.
- Will not dry in the screens.
- Excellent adherence.

Tips/Directions:

Print one layer, pre-dry flash or pre- dry, repeat, then print all the other colors on top of the printed layer.

Suggested Formulations:

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Observations:

In its physical appearance may have a shade variation from light to dark grey without altering its properties.

Recommendations:

Some dye migration might be present in conditions in which the fabric gets in contact with the printed film. Avoid contact between the print and the fabric especially when stacking and packing the garments. Avoid direct contact of the printing with the fabric. Due to the different fabrics and dyeing conditions a 100% of effectiveness is not guaranteed.

Do not iron the printed area, do not dry-clean.

It is necessary to stir the product before printing.

Technical Table	
Version	3.0 Rev. 06/05/2015
Application	Screen Printing
Nature	Textile base to plastisol
Substrate	Cotton + polyester blends, 100% Polyester
Emulsion	Direct
Mesh N°	32 – 43 (th/cm) 83 – 110 (th/in)
Squeegee - Type	Polyurethane
Squeegee - Durometer	70
Squeegee - Profile	Square
Curing	Dryer: 160° C (320°F) / 50s
Thermal Transfer	--
Related Additives	TXP Curable Reducer Plus = Viscosity reducer / TXP Thickener Powder = Viscosity increaser
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 20 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Ecofriendly: Phthalate-free. No contains DEHP-DOP, DnOP, DBP, BBP, DINP, DIDP, DIBP.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

It's the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

The information on this Technical Data Sheet is based on our good faith and experience, therefore, it does not constitute in any way implicit or explicit warranty or liability due to the multiple ways, factors, application conditions and variety of existing fibers and materials beyond our control. The user must determine the applicability and the adaptability of the product for his particular intended use verifying all the properties and features described on this Technical Data Sheet, assuming for it all the risks, damages and consequences direct and indirect that this use supposes. Refer to the website for the latest version of this data sheet before using the product. All previous editions of this version and revision date are void.

TXP Glitter 008

Texiplast® Ecofriendly Plastisols

TXP Glitter 008, is a plastisol textile base belonging to the TEXIPLAST® Series from PRINTOP®. It is specially designed to give the printing a bright finish due its metalized particle contents (glitter). It is presented in colors such as: Silver and Gold. This product is phthalate free.

Main Features:

- Particle size: 1/128.
- Hexagonal particles.
- Excellent adherence.
- Glossy finish.
- High elongation.
- Good coverage over dark fabrics.

Tips/Directions:

Apply one layer, pre-dry and cure.

Suggested Formulations:

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TXP Glitter 008 Products :

	Code	Product
Optional:		
1	P6308	TXP Silver Glitter 008
2	P6310	TXP Light Gold Glitter 008

Observations:

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Recommendations:

In some cases, more curing time will be necessary, depending on the thickness of the required ink deposit.

Do not iron the printed area, do not dry-clean.

It is necessary to stir the product before printing.

Technical Table	
Version	8.0 Rev. 06/05/2015
Application	Screen Printing
Nature	Plastisol textile ink
Substrate	100% cotton, Cotton + polyester blends
Emulsion	Direct
Mesh N°	10 (th/cm) 25 (th/in)
Squeegee - Type	Polyurethane
Squeegee - Durometer	70
Squeegee - Profile	Round - Square
Curing	Dryer: 160° C (320°F) / 60s
Thermal Transfer	Heat Transfer Press: 160° C (320°F)/12s Pressure 60 lb/sqin (psi)
Related Additives	--
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request.
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 20 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Ecofriendly: Phthalate-free. No contains DEHP-DOP, DnOP, DBP, BBP, DINP, DIDP, DIBP.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

It's the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

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Additives

TXP Curable Reducer

P6267 - Texiplast® Ecofriendly Plastisols

TXP Curable Reducer, is a textile additive belonging to the TEXIPLAST® Series from PRINTOP®. It is used to reduce the viscosity or thickness of Texiplast inks. When working with very high mesh counts (305, 380), sometimes it will be necessary to reduce the ink viscosity in order to ensure a better ink deposit on the fabric. The addition of TXP Curable Reducer does not change the original adherence properties of the ink. This product is phthalate free.

Main Features:

- Enables an increase in printing speed and reduction of squeegee pressure.
- Will not change color intensity.
- Low viscosity.
- Enables to work with higher mesh counts.
- Does not alter the original adherence property of the ink.

Tips/Directions:

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Suggested Formulations:

1 kg -> TXP Inks (Texiplast)
80 - 100 g (8-10%)-> TXP Curable Reducer

Observations:

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Recommendations:

Using it in higher proportions than those suggested, will only cause variations in the shades and coverage of the ink in cases of working with dark fabrics, and could produce a slightly tacky finish.
It is necessary to stir the product before printing.

Technical Table	
Version	5.0 Rev. 29/04/2015
Application	Screen Printing
Nature	Additive for ink to plastisol
Substrate	--
Emulsion	
Mesh N°	--
Squeegee - Type	--
Squeegee - Durometer	--
Squeegee - Profile	--
Curing	--
Thermal Transfer	--
Related Additives	--
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request.
Presentation	Container: plastic. Modality: 1 GI HDPE cont, 1 kg Bucket, 4 kg Bucket, 20 kg Bucket, 5 GI HDPE cont
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Ecofriendly: Phthalate-free. No contains DEHP-DOP, DnOP, DBP, BBP, DINP, DIDP, DIBP.

It's the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.
The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

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TXP Curable Reducer Plus

P6268 - Texiplast® Ecofriendly Plastisols

TXP Curable Reducer Plus, is a textile additive belonging to the TEXIPLAST® Series from PRINTOP®. It is used to effectively reduce the viscosity or thickness of Texiplast inks, when these are found to be too thick. When working with fine mesh counts (305, 380 th/in), sometimes it will be necessary to reduce the ink viscosity in order to ensure a better ink deposit on the fabric. The addition of TXP Curable Reducer Plus does not change the original adherence properties of the ink nor the shades. It can also be useful to recover old and hardened plastisol inks. This product is phthalate free.

Main Features:

- Great reducer of viscosity with small amounts.
- Enables recovery time-hardened plastisols.
- Low viscosity.
- Enables work with higher numbered screens.

Tips/Directions:

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Suggested Formulations:

1 kg -> TXP Inks (Texiplast)
5 - 40 g (0.5-4%) -> TXP Curable Reducer Plus

Observations:

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Recommendations:

Do not exceed the recommended proportions since this could cause an excessive reduction in viscosity.
It is necessary to stir the product before printing.

Technical Table	
Version	5.0 Rev. 12/05/2015
Application	Screen Printing
Nature	Additive for ink to plastisol
Substrate	--
Emulsion	
Mesh N°	--
Squeegee - Type	--
Squeegee - Durometer	--
Squeegee - Profile	--
Curing	--
Thermal Transfer	--
Related Additives	--
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request.
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 20 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Ecofriendly: Phthalate-free. No contains DEHP-DOP, DnOP, DBP, BBP, DINP, DIDP, DIBP.

It's the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.
The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.
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Universal Softener P191

Universal Softener, is a textile additive that has been specially formulated to give soft hand to the printings. It can be mixed with HIDROTEX and TEXIPLAST® Series from PRINTOP®. This product is phthalate free.

Main Features:

- Will not change color intensity.
- Liquid product.
- Soft hand.

Tips/Directions:

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Suggested Formulations:

1kg -> TXP or HTX Inks

10-40g (1-4%) -> Universal Softener.

Observations:

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Recommendations:

It is necessary to stir the product before printing.

Technical Table	
Version	4.0 Rev. 12/05/2015
Application	Screen Printing
Nature	Additive for plastisol and waterbase inks
Substrate	--
Emulsion	
Mesh N°	--
Squeegee - Type	--
Squeegee - Durometer	--
Squeegee - Profile	--
Curing	--
Thermal Transfer	--
Related Additives	--
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request.
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 20 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Free from PVC and APEO.

Ecofriendly: Phthalate-free. No contains DEHP-DOP, DnOP, DBP, BBP, DINP, DIDP, DIBP.

Free from Formaldehyde and Organotin compounds.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

It's the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

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TXP Puff Additive

P6274 - Texiplast® Ecofriendly Plastisols

TXP Puff Additive, is an additive belonging to the TEXIPLAST® Series from PRINTOP. It has been designed to achieve puff effects with matte finish. It can be applied on dark and light fabrics. This product is phthalate free.

Main Features:

- High puff finish.
- Good adherence.
- "Matte" finish.
- High wash resistance

Tips/Directions:

Apply one layer and cure.

Suggested Formulations:

1 kg -> TXP Base, Direct, Whites

120 - 150g (12 - 15%) -> TXP Puff Additive

Observations:

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Recommendations:

Do not iron the printed area, do not dry-clean.

It is necessary to stir the product before printing.

Technical Table	
Version	6.0 Rev. 12/05/2015
Application	Screen Printing
Nature	Additive for ink to plastisol
Substrate	100% cotton, Cotton + polyester blends
Emulsion	Direct
Mesh N°	32 – 43 (th/cm) 83 – 110 (th/in)
Squeegee - Type	polyurethane
Squeegee - Durometer	70
Squeegee - Profile	Rectangular
Curing	Dryer: 160° C (320°F) / 30s
Thermal Transfer	--
Related Additives	--
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request.
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 20 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Ecofriendly: Phthalate-free. No contains DEHP-DOP, DnOP, DBP, BBP, DINP, DIDP, DIBP.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

It's the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

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TXP Gel Thickener

P6462 - Texiplast® Ecofriendly Plastisols

TXP Gel Thickener, is a textile additive belonging to the TEXIPLAST® Series from PRINTOP®. It has been specially design to increase the viscosity of transparent inks, where it is needed to maintain this characteristic. This product is phthalate free.

Main Features:

- Does not reduce the gloss.
- Does not change the ink adherence.
- Does not affect the transparency.
- Increase the viscosity.

Tips/Directions:

Mix with TXP Transparents constantly and let it rest in order to acquire its final viscosity.

Suggested Formulations:

1 kg -> TXP (Transparent Ink)
5-10 g (0.5-1%) -> TXP Gel Thickener

Observations:

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Recommendations:

After using the product, close the container tightly because this product is hygroscopic.
Shake and homogenize before using.
It is necessary to stir the product before printing.

Technical Table	
Version	4.0 Rev. 12/05/2015
Application	Screen Printing
Nature	Additive for ink to plastisol
Substrate	--
Emulsion	
Mesh N°	--
Squeegee - Type	--
Squeegee - Durometer	--
Squeegee - Profile	--
Curing	--
Thermal Transfer	--
Related Additives	--
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request.
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 20 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Ecofriendly: Phthalate-free. No contains DEHP-DOP, DnOP, DBP, BBP, DINP, DIDP, DIBP.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

It's the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.
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TXP Thickener Powder

P6269 - Texiplast® Ecofriendly Plastisols

TXP Thickener Powder, is a textile additive belonging to the TEXIPLAST® Series from PRINTOP®. It is used to increase the viscosity of Texiplast inks and bases. It is presented in powdered form. When TXP pigments are added to Texiplast bases or inks often cause the viscosity level reduces, particularly when looking for intense tones; on these occasions, the use of this product becomes necessary. In addition, it must be used when the user wants to obtain a higher viscosity than a normal one to do special work with very open screens. Also, it is recommended when it is wanted to increase the coverage (or "hiding power") on dark fabrics. This product is phthalate free.

Main Features:

- White powder.
- Will not change color intensity.
- Improves ink coverage on dark fabrics.
- Rapid homogenization and action.

Tips/Directions:

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Suggested Formulations:

1 kg -> TXP Inks (Texiplast).
3 - 10 g (0.3-1%) -> TXP Thickener Powder

Observations:

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Recommendations:

Using it in excess could cause low storage stability.

Technical Table	
Version	5.0 Rev. 12/05/2015
Application	Screen Printing
Nature	Additive for ink to plastisol
Substrate	--
Emulsion	
Mesh N°	--
Squeegee - Type	--
Squeegee - Durometer	--
Squeegee - Profile	--
Curing	--
Thermal Transfer	--
Related Additives	--
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request.
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 20 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Ecofriendly: Phthalate-free. No contains DEHP-DOP, DnOP, DBP, BBP, DINP, DIDP, DIBP.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

It's the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals. The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

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TXP Dulling Paste

P6270 - Texiplast® Ecofriendly Plastisols

TXP Dulling Paste, is a matting additive belonging to the TEXIPLAST® Series from PRINTOP®. It is used to reduce the gloss or to matte Texiplast inks. This product is phthalate free.

Main Features:

- Fast homogenization.
- Paste product.
- "Matte" finish.
- Does not affect the adherence of the ink.
- Controls gloss according to the quantity used.

Tips/Directions:

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Suggested Formulations:

1 kg -> TXP Inks (Texiplast)
40-80g (4-8%) ->TXP Dulling Paste

Observations:

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Recommendations:

-Mixed until complete homogenization.
-Use the indicated quantity to obtain best results.
Do not iron the printed area, do not dry-clean.
It is necessary to stir the product before printing.

Technical Table	
Version	5.0 Rev. 06/05/2015
Application	Screen Printing
Nature	Additive for ink to plastisol
Substrate	--
Emulsion	
Mesh N°	--
Squeegee - Type	--
Squeegee - Durometer	--
Squeegee - Profile	--
Curing	--
Thermal Transfer	--
Related Additives	--
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request.
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 20 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Ecofriendly: Phthalate-free. No contains DEHP-DOP, DnOP, DBP, BBP, DINP, DIDP, DIBP.

It's the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.
The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

The information on this Technical Data Sheet is based on our good faith and experience, therefore, it does not constitute in any way implicit or explicit warranty or liability due to the multiple ways, factors, application conditions and variety of existing fibers and materials beyond our control. The user must determine the applicability and the adaptability of the product for his particular intended use verifying all the properties and features described on this Technical Data Sheet, assuming for it all the risks, damages and consequences direct and indirect that this use supposes. Refer to the website for the latest version of this data sheet before using the product. All previous editions of this version and revision date are void.

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TXP Dulling Powder

P6265 - Texiplast® Ecofriendly Plastisols

TXP Dulling Powder, is a matting additive belonging to the TEXIPLAST® Series from PRINTOP®. It is used to reduce the gloss of Texiplast inks. This product is phthalate free.

Main Features:

- Reduces the gloss.
- Powdered product.
- Does not affect the ink adherence.
- Controls the gloss according to the quantity used.

Tips/Directions:

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Suggested Formulations:

1 kg -> TXP Inks (Texiplast)
5 to 40 g (0.5-4%) -> TXP Dulling Powder

Observations:

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Recommendations:

Do not exceed the quantity because it will thicken the product. Shake until it is completely mixed.

Technical Table	
Version	5.0 Rev. 12/05/2015
Application	Screen Printing
Nature	Additive for ink to plastisol
Substrate	--
Emulsion	
Mesh N°	--
Squeegee - Type	--
Squeegee - Durometer	--
Squeegee - Profile	--
Curing	--
Thermal Transfer	--
Related Additives	--
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request.
Presentation	Container: plastic. Modality: 1 kg Bucket, 20 kg Bucket, 5 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Ecofriendly: Phthalate-free. No contains DEHP-DOP, DnOP, DBP, BBP, DINP, DIDP, DIBP.

It's the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals. The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

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TXP Fast Flash Additive

P6273 - Texiplast® Ecofriendly Plastisols

TXP Fast Flash Additive, is a textile additive belonging to the TEXIPLAST® Series from PRINTOP®. It is used to accelerate the predrying or flash of plastisol inks. When using the product, slightly increases the ink viscosity. It is presented as powder. This product is phthalate free.

Main Features:

- Reduces predrying time.
- Odorless.
- Will not change color intensity.
- White powder.

Tips/Directions:

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Suggested Formulations:

1 Kg -> TXP Direct or other mixtures prepared with TXP bases and pigments
10 - 80 g (1-8%) -> TXP Fast Flash Additive

Observations:

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Recommendations:

Do not exceed the proportions, since it could cause too much thickening and could harden the final touch of the printing.

It is necessary to stir the product before printing.

Technical Table	
Version	6.0 Rev. 12/05/2015
Application	Screen Printing
Nature	Additive for ink to plastisol
Substrate	--
Emulsion	
Mesh N°	--
Squeegee - Type	--
Squeegee - Durometer	--
Squeegee - Profile	--
Curing	--
Thermal Transfer	--
Related Additives	--
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request.
Presentation	Container: plastic. Modality: 1 kg Bucket, 5 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Ecofriendly: Phthalate-free. No contains DEHP-DOP, DnOP, DBP, BBP, DINP, DIDP, DIBP.

It's the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals. The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

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TXP Quick Cure Additive

P6464 - Texiplast® Ecofriendly Plastisols

TXP Quick Cure Additive, is an additive belonging to the TEXIPLAST® Series from PRINTOP®. It is used to reduce time or curing temperature of plastisol inks (TXP Neutral, Bases, Directs, Whites, 3D, etc). This product is phthalate free.

Main Features:

- Reduces curing time.
- Does not change the ink adherence.
- Will not change color intensity.
- Fast homogenization.

Tips/Directions:

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Suggested Formulations:

1 kg TXP Bases, Directs, Whites and others
30-40g (3-4%)-> TXP Quick Cure Additive

Observations:

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Recommendations:

Using it in excess could cause low storage stability.
It is necessary to stir the product before printing.

Technical Table	
Version	5.0 Rev. 12/05/2015
Application	Screen Printing
Nature	Additive for ink to plastisol
Substrate	--
Emulsion	
Mesh N°	--
Squeegee - Type	--
Squeegee - Durometer	--
Squeegee - Profile	--
Curing	--
Thermal Transfer	--
Related Additives	--
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request.
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 20 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Ecofriendly: Phthalate-free. No contains DEHP-DOP, DnOP, DBP, BBP, DINP, DIDP, DIBP.

It's the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.
The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

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TXP Hot Split Additive

P6463 - Texiplast® Ecofriendly Plastisols

TXP Hot Split Additive, is a textile additive belonging to the TEXIPLAST® Series from PRINTOP®. It is specially designed for convert Texiplast Direct ink into Hot-Split ink for transfers. Hot Split inks are printable over Hot-Split paper and then it is transferred to the fabric, it is peeled off while it is still hot. This product is phthalate free.

Main Features:

- Fast homogenization.
- Will not change color intensity.
- Does not change the ink adherence.

Tips/Directions:

Print on Hot-Split paper, pre-dry in oven at 320°F (160°C) of temperature for 5-10 seconds and transfer.

Suggested Formulations:

1 kg -> TXP Bases, Directs, Whites.
40-60 g (4-6%) -> TXP Hot Split Additive

Observations:

Remove the paper from the fabric while it is still hot.

Recommendations:

To improve the adherence to the garments that will get a high demand of crocking and washing, the use of Transafix 800 (powder adhesive) is recommended.
Do not iron the printed area, do not dry-clean.
It is necessary to stir the product before printing.

Technical Table	
Version	4.0 Rev. 12/05/2015
Application	Screen Printing
Nature	Additive for ink to plastisol
Substrate	--
Emulsion	
Mesh N°	--
Squeegee - Type	--
Squeegee - Durometer	--
Squeegee - Profile	--
Curing	--
Thermal Transfer	Heat Transfer Press: 160° C (320°F)/12s Pressure 40 lb/sqin (psi)
Related Additives	--
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request.
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 20 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Ecofriendly: Phthalate-free. No contains DEHP-DOP, DnOP, DBP, BBP, DINP, DIDP, DIBP.

It's the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

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TXP Catalyst

P7775 - Texiplast® Ecofriendly Plastisols

TXP Catalyst, is a textile additive belonging to the TEXIPLAST Series from PRINTOP. It has been specially developed to improve the adherence of Texiplast ink over nylon or waterproof fabrics (taslan, windbreaker among others). The shelf life of this mixture, ink plus additive is 3 to 4 hours. This product is phthalate free.

Main Features:

- Improve the adherence on the substrate.
- Fast homogenization.
- Will not change color intensity.

Tips/Directions:

Apply one layer, pre-dry, repeat and cure.

Suggested Formulations:

1Kg -> TXP White, Directs, Bases

150g (15%)-> TXP Catalyst

Observations:

--

Recommendations:

A better adherence will be obtained after 72 hours of being printed.

Keep containers tightly closed, otherwise the viscosity will increase and become hard.

Do not iron the printed area, do not dry-clean.

Technical Table	
Version	1.0 Rev. 12/05/2015
Application	Screen Printing
Nature	Additive for ink to plastisol
Substrate	--
Emulsion	
Mesh N°	--
Squeegee - Type	--
Squeegee - Durometer	--
Squeegee - Profile	--
Curing	--
Thermal Transfer	--
Related Additives	--
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request
Presentation	Container: plastic. Modality: 0.9 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Ecofriendly: Phthalate-free. No contains DEHP-DOP, DnOP, DBP, BBP, DINP, DIDP, DIBP.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

It's the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals. The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

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TXP 3D Additive

P6349 - Texiplast® Ecofriendly Plastisols

TXP 3D Additive, is an additive belonging to the TEXIPLAST® Series from PRINTOP®. It is designed to convert a TXP Direct (plain plastisol printing) into a TXP 3D (3D plastisol finish). This product is phthalate free.

Main Features:

- Three-dimensional finish.
- Will not change color intensity.
- Will not dry in the screens.

Tips/Directions:

Mix vigorously until completely homogeneous.

Suggested Formulations:

1 kg -> TXP Directs

250 g (25%) -> TXP 3D Additive

Observations:

--

Recommendations:

Do not exceed the recommended percentages because it could change the ink adherence.

Do not iron the printed area, do not dry-clean.

It is necessary to stir the product before printing.

Technical Table	
Version	6.0 Rev. 12/05/2015
Application	Screen Printing
Nature	Additive for ink to plastisol
Substrate	100% cotton, Cotton + polyester blends
Emulsion	Capillary 250 to 400 microns
Mesh N°	32 – 43 (th/cm) 83 – 110 (th/in)
Squeegee - Type	polyurethane
Squeegee - Durometer	70
Squeegee - Profile	Rectangular
Curing	Dryer: 160° C (320°F) / 60s
Thermal Transfer	--
Related Additives	--
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request.
Presentation	Container: plastic. Modality: 1 kg Bucket, 25 kg Bucket, 5 kg Bucket, 100 kg Bucket, 5 Gl HDPE cont
Best If Used Within	12 months.

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Ecofriendly: Phthalate-free. No contains DEHP-DOP, DnOP, DBP, BBP, DINP, DIDP, DIBP.

It's the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

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TXP 3D Sharpedge Additive

P6266 - Texiplast® Ecofriendly Plastisols

TXP 3D Sharpedge Additive, is a textile additive belonging to the TEXIPLAST® Series from PRINTOP®. It is designed to improve the definition of a three-dimensional printing, making the edges of the image appear to be more even. This additive modifies the fluidity of the ink, making it sharper. This helps the printer to overlay various layers of 3D ink, conserving the edges perfectly. This product is phthalate free.

Main Features:

- Improves the fluidity of ink on the screen.
- Improves the definition and edges of 3D printings.
- Will not change color intensity.
- Will not dry in the screens.
- Product in transparent paste.

Tips/Directions:

Mix vigorously until completely homogenous.

Suggested Formulations:

1 kg -> TXP 3D White or Colors
60 - 80 g (6-8%) -> TXP 3D Sharpedge Additive

Observations:

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Recommendations:

If necessary, use it in higher percentage to obtain the sharpness or result required. It is necessary to stir the product before printing.

Technical Table	
Version	4.0 Rev. 12/05/2015
Application	Screen Printing
Nature	Additive for ink to plastisol
Substrate	--
Emulsion	
Mesh N°	--
Squeegee - Type	--
Squeegee - Durometer	--
Squeegee - Profile	--
Curing	--
Thermal Transfer	--
Related Additives	--
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request.
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 20 kg Bucket
Best If Used Within	12 months.

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Ecofriendly: Phthalate-free. No contains DEHP-DOP, DnOP, DBP, BBP, DINP, DIDP, DIBP.

It's the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals. The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

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Aroma Concentrate

Subject to specific restrictions

Aroma Concentrate, is a group of concentrated additives developed for imparting fragrance to the textile inks, they can be mixed with inks from ASTRO® (AST), TEXIPLAST® (TXP) and AMAZON® (AMZ) series from PRINTOP®. This product is made from a new technology based on microcapsules; the ink film has to be rubbed in order to break the microscopic particles to release the fragrance. The smell effect lasts for several washing cycles. There are several available fragrances: banana, peach, strawberry, apple, lavender, mint, orange, vanilla, etc. This product is phthalate free.

Main Features:

- Fragrance released when rubbed.
- Paste product.
- High wash resistance

Tips/Directions:

--

Suggested Formulations:

1 Kg -> TXP, AST, AMZ inks

50-140 gr (5-14%) -> Aroma Concentrate

Formaldehyde content: <20ppm when used according to the recommended formulation.

Aroma Concentrate Products :

	Code	Product
1	P6909	Aroma Concentrate Strawberry
2	P6903	Aroma Concentrate Orange
3	P6906	Aroma Concentrate Apple
4	P6908	Aroma Concentrate Banana
5	P6911	Aroma Concentrate Lavender
6	P6904	Aroma Concentrate Mint
7	P6907	Aroma Concentrate Peach
8	P6905	Aroma Concentrate Vanilla

Observations:

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Recommendations:

Do not iron the printed area, do not dry-clean.

It is necessary to stir the product before printing.

Technical Table	
Version	3.0 Rev. 02/07/2015
Application	Screen Printing
Nature	Additive for ink to plastisol
Substrate	--
Emulsion	
Mesh N°	--
Squeegee - Type	--
Squeegee - Durometer	--
Squeegee - Profile	--
Curing	--
Thermal Transfer	--
Related Additives	--
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 20 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

Free from PVC and APEO.

PHT-FREE: Phthalate-free.

Contains Formaldehyde.

It's the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

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Adhesives

TXP Foil Adhesive

P6342 - Texiplast® Ecofriendly Plastisols

TXP Foil Adhesive, is a product belonging to the TEXIPLAST® Series from PRINTOP®. It is specially designed to adhere the metallized textile sheet (foil) to the fabric. This product is phthalate free.

Main Features:

- Will not dry in the screens.
- Excellent elasticity.

Tips/Directions:

Apply one layer and without pre-drying put in contact with the foil sheet.

Suggested Formulations:

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Observations:

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Recommendations:

Remove the foil when cold. Depending on the type/quality of foil, it will be necessary to modify the temperature, pressure, time and application parameters.

Do not iron the printed area, do not dry-clean.

It is necessary to stir the product before printing.

Technical Table	
Version	9.0 Rev. 12/05/2015
Application	Screen Printing
Nature	Textile base to plastisol
Substrate	100% cotton, Cotton + polyester blends
Emulsion	Direct
Mesh N°	32 – 43 (th/cm) 83 – 110 (th/in)
Squeegee - Type	Polyurethane
Squeegee - Durometer	70
Squeegee - Profile	Rectangular
Curing	--
Thermal Transfer	Heat Transfer Press: 160° C (320°F)/10s Pressure 40 lb/sqin (psi)
Related Additives	--
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request.
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 20 kg Bucket
Best If Used Within	12 months.

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Ecofriendly: Phthalate-free. No contains DEHP-DOP, DnOP, DBP, BBP, DINP, DIDP, DIBP.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

It's the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

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TXP Transfer Adhesive

P6272 - Texiplast® Ecofriendly Plastisols

TXP Transfer Adhesive, is a product belonging to the TEXIPLAST® Series from PRINTOP®. It is specially designed to improve the adherence of the ink layer transferred to the fabric. This product is phthalate free.

Main Features:

- Transparent.
- High tensile strength and stretchability.
- Excellent adherence.
- High wash resistance

Tips/Directions:

Apply as last layer after the colors (covering all the printing), pre-dry and transfer.

Suggested Formulations:

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Observations:

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Recommendations:

Do not iron the printed area, do not dry-clean.
It is necessary to stir the product before printing.

Technical Table	
Version	5.0 Rev. 12/05/2015
Application	Screen Printing
Nature	Textile base to plastisol
Substrate	100% cotton, Cotton + polyester blends
Emulsion	Direct
Mesh N°	43 – 90 (th/cm) 110 – 230 (th/in)
Squeegee - Type	Polyurethane
Squeegee - Durometer	70
Squeegee - Profile	Rectangular
Curing	--
Thermal Transfer	Heat Transfer Press: 160° C (320°F)/12s Pressure 60 lb/sqin (psi)
Related Additives	--
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request.
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 20 kg Bucket
Best If Used Within	12 months.

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Ecofriendly: Phthalate-free. No contains DEHP-DOP, DnOP, DBP, BBP, DINP, DIDP, DIBP.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

It's the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

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TXP Caviar Adhesive

P6337 - Texiplast® Ecofriendly Plastisols

TXP Caviar Adhesive, is a product belonging to the TEXIPLAST® Series from PRINTOP®. It is specially designed to adhere the PVC balls in order to obtain textil printings with caviar effect. This product is phthalate free.

Main Features:

- Excellent adherence of PVC balls.
- Elastic ink film.
- Will not dry in the screens.
- High tensile strength and stretchability.
- Leaves a transparent film.
- High wash resistance

Tips/Directions:

Apply one layer, pre-dry, apply a second layer and without pre-drying put in contact with PVC caviar balls.

Suggested Formulations:

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Observations:

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Recommendations:

For better adherence, apply the second layer of adhesive with a more open mesh. Do not iron the printed area, do not dry-clean. It is necessary to stir the product before printing.

Technical Table	
Version	6.0 Rev. 12/05/2015
Application	Screen Printing
Nature	Textile base to plastisol
Substrate	100% cotton, Cotton + polyester blends
Emulsion	Direct
Mesh N°	32 (th/cm) 83 (th/in)
Squeegee - Type	Polyurethane
Squeegee - Durometer	70
Squeegee - Profile	Rectangular
Curing	Dryer: 160° C (320°F) / 60s
Thermal Transfer	--
Related Additives	--
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request.
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 20 kg Bucket
Best If Used Within	12 months.

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Ecofriendly: Phthalate-free. No contains DEHP-DOP, DnOP, DBP, BBP, DINP, DIDP, DIBP.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

It's the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

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IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

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TXP Flock Adhesive

P6410 - Texiplast® Ecofriendly Plastisols

TXP Flock Adhesive, is a product belonging to the TEXIPLAST Series from PRINTOP®. It is specially designed to adhere flock to the textile through transfer or electrostatic charge, this product works without catalyst. This product is phthalate free.

Main Features:

- Good adherence.
- Will not dry in the screens.
- Good tensile strength and stretchability.
- Good wash resistance.

Tips/Directions:

- For direct flocking:
Apply two layers of TXP Flock Adhesive - no flash on the second layer.
Apply the flock fibers electrostatically and cure.

- For flock transfers:
Apply two layers of TXP Flock Adhesive - no flash on the second layer.
Place it in contact with the flock film and transfer.

Suggested Formulations:

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Observations:

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Recommendations:

It is necessary to stir the product before printing.

Technical Table	
Version	4.0 Rev. 12/05/2015
Application	Screen Printing
Nature	Textile base to plastisol
Substrate	100% cotton, Cotton + polyester blends
Emulsion	Direct
Mesh N°	32 – 43 (th/cm) 83 – 110 (th/in)
Squeegee - Type	Polyurethane
Squeegee - Durometer	70
Squeegee - Profile	Square
Curing	Dryer: 160° C (320°F) / 90s
Thermal Transfer	Heat Transfer Press: 160° C (320°F)/10s Pressure 60 lb/sqin (psi)
Related Additives	--
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 20 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Ecofriendly: Phthalate-free. No contains DEHP-DOP, DnOP, DBP, BBP, DINP, DIDP, DIBP.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

It's the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

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Others

TXP Shimmer SS

Texiplast® Ecofriendly Plastisols

TXP Shimmer SS, is a plastisol based ink belonging to the Texiplast® Series from PRINTOP®. It has been specially developed to get a printing with glossy finish. It is directly applied over light and dark fabrics, obtaining a film of fine glossy particles of irregular size that emphasize the printing. They appear in a variety of colors. This product produces a more intense gloss than TXP Shimmer. This product is phthalate free.

Main Features:

- Excellent adherence.
- Glossy finish.
- Good coverage over dark fabrics.

Tips/Directions:

Aply one layer, pre-dry and cure.

Suggested Formulations:

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TXP Shimmer SS Products :

	Code	Product
1	P6316	TXP SHIMMER AMARILLO SS
2	P6327	TXP SHIMMER ROJO SS
3	P6329	TXP SHIMMER SILVER SS
4	P6330	TXP SHIMMER VERDE SS
5	P6332	TXP SHIMMER VIOLETA SS
6	P6318	TXP SHIMMER AZUL SS
7	P6326	TXP SHIMMER MAGENTA SS
8	P6322	TXP SHIMMER DORADO SS

Observations:

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Recommendations:

Do not iron the printed area, do not dry-clean.
It is necessary to stir the product before printing.

Technical Table	
Version	6.0 Rev. 12/05/2015
Application	Screen Printing
Nature	Plastisol textile ink
Substrate	100% cotton, Cotton + polyester blends
Emulsion	Direct
Mesh N°	32 (th/cm) 83 (th/in)
Squeegee - Type	polyurethane
Squeegee - Durometer	70
Squeegee - Profile	Rectangular
Curing	Dryer: 160° C (320°F) / 60s
Thermal Transfer	--
Related Additives	TXP Curable Reducer Plus = Viscosity reducer / TXP Thickener Powder = Viscosity increaser
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request.
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 20 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Ecofriendly: Phthalate-free. No contains DEHP-DOP, DnOP, DBP, BBP, DINP, DIDP, DIBP.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

It's the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

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Silver S160

P3569 - Texiplast®

Silver S160, is a metallic pigment of PRINTOP. It is used to give silver metallic color appearance to the textile screen printings. This product is phthalate free.

Main Features:

- Silver metallic finish.
- Quick homogenization.

Tips/Directions:

Apply one layer, pre-dry and cure.

Suggested Formulations:

For textile plastisol inks:
0.500kg -> TXP Neutral SQ Mix Base
0.500kg -> TXP Curable Reducer
80-150g (8-15%) -> Silver S 160

Observations:

- It can be applied two layers over dark fabrics in order to obtain a greater silver metallic finish.

- It will become greyer when washed due to the pigment oxidation.

Recommendations:

Do not store the final mixture because its properties can be affected.

The printing become greyer when washed, it lose its gloss because its pigment is not water-resistant and gets oxidized.

Do not iron the printed area, do not dry-clean.

It is necessary to stir the product before printing.

Technical Table	
Version	2.0 Rev. 13/05/2015
Application	Screen Printing
Nature	Plastisol textile ink
Substrate	100% cotton, Cotton + polyester blends
Emulsion	Direct
Mesh N°	32 – 43 (th/cm) 83 – 110 (th/in)
Squeegee - Type	polyurethane
Squeegee - Durometer	70
Squeegee - Profile	Rectangular
Curing	Dryer: 160° C (320°F) / 60s
Thermal Transfer	--
Related Additives	--
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request.
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 20 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Ecofriendly: Phthalate-free. No contains DEHP-DOP, DnOP, DBP, BBP, DINP, DIDP, DIBP.

It's the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

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TXP 3D BASE 100

P6303 - Texiplast® Ecofriendly Plastisols

TXP 3D BASE 100, is a hiding base belonging to the Texiplast® Series from PRINTOP®. It has been specially formulated to obtain a good coverage on dark fabrics with a three-dimensional finish. It must be mixed with TXP Pigments to obtain the desired color. This product is phthalate free.

Main Features:

- Three-dimensional finish.
- Will not dry in the screens.
- Excellent adherence.
- Soft hand.
- Good coverage over dark fabrics.

Tips/Directions:

Apply one layer, pre-dry, repeat and cure. Many layers can be applied to obtain a better three-dimensional effect.

Suggested Formulations:

To obtain different colors:

1 kg -> TXP 3D Base 100

60 - 80 g (6-8%) -> TX Pigments

Observations:

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Recommendations:

If you want to improve edges cut, apply TXP 3D Plastic Additive (see TDS).

Do not iron the printed area, do not dry-clean.

It is necessary to stir the product before printing.

Technical Table	
Version	6.0 Rev. 12/05/2015
Application	Screen Printing
Nature	Textile base to plastisol
Substrate	100% cotton, Cotton + polyester blends
Emulsion	Capillary 250 to 400 microns
Mesh N°	32 – 43 (th/cm) 83 – 110 (th/in)
Squeegee - Type	polyurethane
Squeegee - Durometer	70 or double hardness
Squeegee - Profile	Rectangular
Curing	Dryer: 160° C (320°F) / 60s
Thermal Transfer	--
Related Additives	TXP Thickener Powder = Viscosity increaser
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request.
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 20 kg Bucket
Best If Used Within	12 months.

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Ecofriendly: Phthalate-free. No contains DEHP-DOP, DnOP, DBP, BBP, DINP, DIDP, DIBP.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

It's the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

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TXP Expansol 200

P6451 - Texiplast® Ecofriendly Plastisols

TXP Expansol 200, is a plastisol neutral textile base belonging to the Texiplast® Series from PRINTOP®. It has been specially formulated to resist the high elongation of fabrics as "rib" materials (used for collars), elasticized fabrics (lycras) etc. It avoids cracking of the printing, recovering its extension and shape, as soon as the traction stops. It should be used for background printing in order to take better advantage of its characteristics. This product is phthalate free.

Main Features:

- Elastic ink film.
- Very good supple print with ability to stretch and regain its original shape.
- Excellent adherence.

Tips/Directions:

Apply one layer, pre-dry and repeat, then print the plastisol ink, pre-dry and cure.

Suggested Formulations:

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Observations:

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Recommendations:

Do not iron the printed area, do not dry-clean.
It is necessary to stir the product before printing.

Technical Table	
Version	7.0 Rev. 13/05/2015
Application	Screen Printing
Nature	Textile base to plastisol
Substrate	100% cotton, Cotton + polyester blends, 100% Polyester
Emulsion	Direct
Mesh N°	32 – 43 (th/cm) 83 – 110 (th/in)
Squeegee - Type	polyurethane
Squeegee - Durometer	70
Squeegee - Profile	Rectangular
Curing	Dryer: 160° C (320°F) / 60s
Thermal Transfer	--
Related Additives	TXP Curable Reducer Plus = Viscosity reducer / TXP Thickener Powder = Viscosity increaser
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request.
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 20 kg Bucket
Best If Used Within	12 months.

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Ecofriendly: Phthalate-free. No contains DEHP-DOP, DnOP, DBP, BBP, DINP, DIDP, DIBP.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

It's the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

The information on this Technical Data Sheet is based on our good faith and experience, therefore, it does not constitute in any way implicit or explicit warranty or liability due to the multiple ways, factors, application conditions and variety of existing fibers and materials beyond our control. The user must determine the applicability and the adaptability of the product for his particular intended use verifying all the properties and features described on this Technical Data Sheet, assuming for it all the risks, damages and consequences direct and indirect that this use supposes. Refer to the website for the latest version of this data sheet before using the product. All previous editions of this version and revision date are void.

TXP 3D NEUTRAL 100

P6305 - Texiplast® Ecofriendly Plastisols

TXP 3D NEUTRAL 100, is a neutral base belonging to the Texiplast® Series from PRINTOP®. It has been specially formulated to obtain three-dimensional printings over light fabrics, it can also be used as a colors reducer or extender of three-dimensional finish of plastisol inks. It must be mixed with TXP Pigment to obtain the desired color. This product is phthalate free.

Main Features:

- Three-dimensional sharpedge finish.
- It can be used as a reducer or extender of 3D inks.
- Excellent adherence.
- Soft hand.
- High elongation.

Tips/Directions:

Apply one layer, pre-dry, repeat and cure. Many layers can be applied to obtain a higher three-dimensional effect.

Suggested Formulations:

To obtain different colors:
1 kg -> TXP 3D Neutral 100
40 g (4%) -> TXP Pigments

Observations:

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Recommendations:

Use TXP 3D Plastic Additive to obtain perfect edges (see TDS).
Do not iron the printed area, do not dry-clean.
It is necessary to stir the product before printing.

Technical Table	
Version	8.0 Rev. 13/05/2015
Application	Screen Printing
Nature	Textile base to plastisol
Substrate	100% cotton, Cotton + polyester blends
Emulsion	Capillary 250 to 400 microns
Mesh N°	32 – 43 (th/cm) 83 – 110 (th/in)
Squeegee - Type	polyurethane
Squeegee - Durometer	70 or double hardness
Squeegee - Profile	Rectangular
Curing	Dryer: 160° C (320°F) / 60s
Thermal Transfer	--
Related Additives	TXP Thickener Powder = Viscosity increaser
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request.
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 20 kg Bucket
Best If Used Within	12 months.

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Ecofriendly: Phthalate-free. No contains DEHP-DOP, DnOP, DBP, BBP, DINP, DIDP, DIBP.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

It's the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

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Color Pallet

Texiplast® Ecofriendly Plastisols

Color Pallet, are plastisol inks belonging to the Texiplast® Series from PRINTOP®. These products are basic colors inks ready to be printed on light and dark fabrics. They have high opacity. They are presented on a complete color range (see Textile Color Chart). This product is phthalate free.

Main Features:

- Intense colors.
- Zero pigment efflorescence.
- Flexible ink film, it won't harden the fabric.
- Excellent adherence.
- Soft hand.

Tips/Directions:

Light fabrics:

Apply one layer, pre-dry and cure.

Dark fabrics:

Apply one layer, pre-dry, repeat and cure.

Suggested Formulations:

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Color Pallet Products :

	Code	Product
1	P7935	TXP Yellow 0120
2	P7941	TXP Warm Red
3	P7931	TXP Red 0320
4	P7943	TXP Rubine Red
5	P7938	TXP Rhodamine Red
6	P7936	TXP Purple
7	P7956	TXP Reflex Blue
8	P7937	TXP Blue 0720
9	P7939	TXP Bright Yellow 1080
10	P7945	TXP Yellow Gold 1230
11	P7942	TXP Pumpkin 1370
12	P7946	TXP Bright Orange 1505
13	P7940	TXP Light Orange 1575
14	P7933	TXP Maroon 1945
15	P7930	TXP Dark Maroon 2010
16	P7952	TXP Dark Purple 2590
17	P7948	TXP Light Purple 2592
18	P7949	TXP Purple 2660
19	P7929	TXP Navy 2758
20	P7951	TXP Light Blue 2920
21	P7947	TXP Bright Blue 3000
22	P7955	TXP Dark Turquoise 3020
23	P7950	TXP Light Turquoise 3120
24	P7954	TXP Dark Green 3410
25	P7953	TXP Bright Green 3540
26	P7958	TXP Apple Green 3600
27	P7932	TXP Light Brown 4710
28	P7934	TXP Dark Brown 4780
29	P7944	TXP Bright Red 4850
30	P7957	TXP Cool Gray 8000

Observations:

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Recommendations:

Do not iron the printed area, do not dry-clean.

It is necessary to stir the product before printing.

Technical Table	
Version	1.0 Rev. 13/05/2015
Application	Screen Printing
Nature	Plastisol textile ink
Substrate	100% cotton, Cotton + polyester blends
Emulsion	Direct
Mesh N°	32 – 90 (th/cm) 83 – 230 (th/in)
Squeegee - Type	Polyurethane
Squeegee - Durometer	70
Squeegee - Profile	Square
Curing	Dryer: 160° C (320°F) / 60s
Thermal Transfer	Heat Transfer Press: 160° C (320°F)/12s Pressure 60 lb/sqin (psi)
Related Additives	TXP Curable Reducer Plus = Viscosity reducer / TXP Thickener Powder = Viscosity increaser
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 20 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108).

Ecofriendly: Phthalate-free. No contains DEHP-DOP, DnOP, DBP, BBP, DINP, DIDP, DIBP.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

It's the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

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TXP DCM Base

P6255 - Texiplast® Ecofriendly Plastisols

TXP DCM Base, is a plastisol textile base belonging to the Texiplast® Series from PRINTOP®. It has been specially formulated to achieve a high coverage on dark fabrics. It should be mixed with TXP Pigment to obtain the desired color. This product is phthalate free.

Main Features:

- Flexible ink film, it won't harden the fabric.
- Elastic ink film.
- Excellent adherence.
- Soft hand.
- Excellent coverage over dark fabrics.

Tips/Directions:

Apply one layer, pre-dry, repeat and cure.

Suggested Formulations:

To obtain different colors:

1kg -> TXP DCM Base

60-80g (6-8%) -> TXP Pigment

Observations:

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Recommendations:

If it is desired to improve crockfastness and washing fastness then add TXP Resin ACR (50-100 gr/ kg).

Do not iron the printed area, do not dry-clean.

It is necessary to stir the product before printing.

Technical Table	
Version	9.0 Rev. 13/05/2015
Application	Screen Printing
Nature	Textile base to plastisol
Substrate	100% cotton, Cotton + polyester blends
Emulsion	Direct
Mesh N°	32 – 90 (th/cm) 83 – 230 (th/in)
Squeegee - Type	polyurethane
Squeegee - Durometer	70
Squeegee - Profile	Rectangular
Curing	Dryer: 160° C (320°F) / 60s
Thermal Transfer	Heat Transfer Press: 160° C (320°F)/15s Pressure 60 lb/sqin (psi)
Related Additives	TXP Curable Reducer Plus = Viscosity reducer / TXP Thickener Powder = Viscosity increaser / TXP Resin ACR = Crock-fastness increaser
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request.
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 20 kg Bucket
Best If Used Within	12 months.

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Ecofriendly: Phthalate-free. No contains DEHP-DOP, DnOP, DBP, BBP, DINP, DIDP, DIBP.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

It'ss the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

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TXP Silver Hi- Gloss PHT-FREE

P6615 - Texiplast® Ecofriendly Plastisols

TXP Silver Hi- Gloss PHT-FREE, is a plastisol textile ink belonging to the Texiplast® series from PRINTOP®. It has been formulated to provide the printing with a glossy silver metallic finish. It is more brilliant than TXP Silver 150. This product is phthalate free.

Main Features:

- Glossy silver metallic finish.
- Good opacity on dark garments.

Tips/Directions:

Apply one layer and cure.

Suggested Formulations:

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Observations:

It will become greyer when washed due to the pigment oxidation.

Recommendations:

The printing become greyer when washed, it lose its gloss because its pigment is not water-resistant and gets oxidized.

Do not iron the printed area, do not dry-clean.

It is necessary to stir the product before printing.

Technical Table	
Version	1.0 Rev. 12/05/2015
Application	Screen Printing
Nature	Plastisol textile ink
Substrate	100% cotton, Cotton + polyester blends
Emulsion	Direct
Mesh N°	32 – 43 (th/cm) 83 – 110 (th/in)
Squeegee - Type	Polyurethane
Squeegee - Durometer	70
Squeegee - Profile	Square
Curing	Dryer: 165°C (329°F)/ 60s.
Thermal Transfer	--
Related Additives	TXP Curable Reducer Plus = Viscosity reducer
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 20 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (CPSIA).

PHT-FREE: Phthalate-free.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

It's the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

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TXP Adhesivo Foil LS

P6379 - Texiplast® Ecofriendly Plastisols

TXP Adhesivo Foil LS, is a product belonging to the Texiplast® Series from PRINTOP®. It is specially design to adhere the textile metallized films (foil) to the fabric. This product is phthalate free.

Main Features:

- Will not dry in the screens.
- Excellent elasticity.

Tips/Directions:

Apply one layer and without pre-dry place the foil sheet and cure. After the transference, cure at 320°F (160°C) for 60 seconds.

Suggested Formulations:

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Observations:

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Recommendations:

Remove the foil sheet when it is cold. Depending on type/quality of foil, it will be necessary to modify the parameters of temperature, pressure, time and application. Do not iron the printed area, do not dry-clean. It is necessary to stir the product before printing.

Technical Table	
Version	3.0 Rev. 12/05/2015
Application	Screen Printing
Nature	Textile base to plastisol
Substrate	100% cotton, Cotton + polyester blends
Emulsion	Direct
Mesh N°	32 – 43 (th/cm) 83 – 110 (th/in)
Squeegee - Type	Polyurethane
Squeegee - Durometer	70
Squeegee - Profile	Square
Curing	--
Thermal Transfer	Heat Transfer Press: 110° C (230°F)/4s Pressure 20 lb/sqin (psi)
Related Additives	--
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 20 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Ecofriendly: Phthalate-free. No contains DEHP-DOP, DnOP, DBP, BBP, DINP, DIDP, DIBP.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

It's the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

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TXP Base GNS

P6259 - Texiplast® Ecofriendly Plastisols

TXP Base GNS, is a plastisol textile base belonging to the Texiplast® Series from PRINTOP®. It has been specially formulated to obtain different colors and it is applied over light and dark fabrics. It must be mixed with TPX Pigments to obtain the desired color. This product is phthalate free.

Main Features:

- Flexible ink film, it won't harden the fabric.
- Excellent adherence.
- Soft hand.
- High elongation.
- Acceptable coverage over dark fabrics.

Tips/Directions:

Apply one layer, pre-dry, repeat and cure.

Suggested Formulations:

To obtain different colors:

1kg -> TXP Base GNS

60g (6%)-> TXP Pigments

To obtain fluorescent colors:

1kg -> TXP Base GNS

80g (8%)-> TXP Pigments FL

Observations:

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Recommendations:

Do not iron the printed area, do not dry-clean.

It is necessary to stir the product before printing.

Technical Table	
Version	3.0 Rev. 13/05/2015
Application	Screen Printing
Nature	Textile base to plastisol
Substrate	100% cotton, Cotton + polyester blends
Emulsion	Direct
Mesh N°	32 – 90 (th/cm) 83 – 230 (th/in)
Squeegee - Type	Polyurethane
Squeegee - Durometer	70
Squeegee - Profile	Square
Curing	Dryer: 160° C (320°F) / 60s
Thermal Transfer	Heat Transfer Press: 160° C (320°F)/15s Pressure 60 lb/sqin (psi)
Related Additives	TXP Resin ACR / TXP Curable Reducer Plus = Viscosity reducer / TXP Thickener Powder = Viscosity increaser
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 20 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Ecofriendly: Phthalate-free. No contains DEHP-DOP, DnOP, DBP, BBP, DINP, DIDP, DIBP.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

It's the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

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TXP Sugar - Sym 4000C

P6448 - Texiplast® Ecofriendly Plastisols

TXP Sugar - Sym 4000C, is a plastisol textile base belonging to the Texiplast® Series from PRINTOP®. It has been specially formulated to obtain a gloss finish due to its high content of fine glittering particles. It is more concentrated than TXP Sugar - Sym 4000. It is applied on TXP Direct or directly on light fabrics obtaining the desired color with TXP Pigments. TXP Sugar - Sym 4000C builds a film of fine well-spaced glittering particles, producing sparkles that bring out the printing color. Facilitates and reduces application time compared with the traditional process of sprinkling glitter. This product is phthalate free.

Main Features:

- Fast and easy application.
- Fine and small sizes glossy particles.
- High tensile strength and stretchability.
- Excellent adherence.
- Glossy finish.

Tips/Directions:

Apply one layer, pre-dry and cure.

Suggested Formulations:

To obtain different colors:

1kg -> TXP Sugar - Sym 4000C

40-50g (4-5%) -> TXP Pigments

Observations:

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Recommendations:

It is necessary to stir the product before printing.

Technical Table	
Version	5.0 Rev. 12/05/2015
Application	Screen Printing
Nature	Plastisol textile ink
Substrate	100% cotton, Cotton + polyester blends
Emulsion	Direct
Mesh N°	32 – 43 (th/cm) 83 – 110 (th/in)
Squeegee - Type	Polyurethane
Squeegee - Durometer	70
Squeegee - Profile	Square
Curing	Dryer: 160° C (320°F) / 60s
Thermal Transfer	Heat Transfer Press: 160° C (320°F)/12s Pressure 60 lb/sqin (psi)
Related Additives	TXP Curable Reducer Plus = Viscosity reducer / TXP Thickener Powder = Viscosity increaser
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request.
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 20 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Ecofriendly: Phthalate-free. No contains DEHP-DOP, DnOP, DBP, BBP, DINP, DIDP, DIBP.

It's the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

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Waterbase

**WB
Star
High
Performance Waterbased
Inks (WB
S)**

Atomix® Matching Systems

WB-S Atomix

WB-Star High-Performance Waterbased Inks

WB-S Atomix, is a waterbase mixing system of high concentration (printable pigments) and excellent coverage, PVC and ftalates free belonging to WB-Star Series from PRINTOP®. It has been specially developed to use meshes or silks of high numeration in presses of great production without having screen obstruction or blocking problems. It has 14 ready for use inks when mixed among each other they allow the simulation of PANTONE® colors in a fast and accurate way. The formulas and percentages of WB-Star mixture are available in the Atomix® System.

Main Features:

- Intense colors.
- PVC and ftalates free product.
- Excellent coverage over dark fabrics.
- Flexible ink film, it won't harden the fabric.
- Soft hand.
- "Matte" finish.

Tips/Directions:

Apply one layer, pre-dry and cure.

Suggested Formulations:

1 kg -> WB-S Atomix®

20 g (2%) -> WB-S Retarding Additive.

Available through Atomix® Color System.

WB-S Atomix Products :

	Code	Product
1	P9501	WB-S ATOMIX VIOLET
2	P9502	WB-S ATOMIX BLUE B
3	P9503	WB-S ATOMIX BLUE 1500
4	P9504	WB-S ATOMIX BLUE RQ
5	P9505	WB-S ATOMIX GREEN
6	P9506	WB-S ATOMIX YELLOW
7	P9507	WB-S ATOMIX RED
8	P9508	WB-S ATOMIX MAGENTA
9	P9509	WB-S ATOMIX BLACK
10	P9510	WB-S ATOMIX WHITE
11	P9645	WB-S ATOMIX FLUO MAGENTA-HP
12	P9647	WB-S ATOMIX FLUO VIOLET-HP
13	P9646	WB-S ATOMIX FLUO LEMON-HP
14	P9644	WB-S ATOMIX FLUO ORANGE-HP

For light fabrics: reduce the coverage with WB-S Clear up to 50%

1 kg -> WB-S Atomix®

1 kg -> WB-S Clear Base

Observations:

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Recommendations:

- The Atomix® System is a tool of color approximation, so it does not guarantee the absolute accuracy of the obtained shades. The final colors may vary due to multiple printing factors such as fabrics, mesh number, squeegee hardness, etc.

- The formulations of all Atomix® inks samples from PRINTOP can only produce simulations for PANTONE® colors.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

The information on this Technical Data Sheet is based on our good faith and experience, therefore, it does not constitute in any way implicit or explicit warranty or liability due to the multiple ways, factors, application conditions and variety of existing fibers and materials beyond our control. The user must determine the applicability and the adaptability of the product for his particular intended use verifying all the properties and features described on this Technical Data Sheet, assuming for it all the risks, damages and consequences direct and indirect that this use supposes. Refer to the website for the latest version of this data sheet before using the product. All previous editions of this version and revision date are void.

Technical Table	
Version	1.0 Rev. 13/03/2015
Application	Screen Printing
Nature	Waterbase textile ink
Substrate	100% cotton, Cotton + polyester blends, 100% Polyester
Emulsion	Direct
Mesh N°	43 – 120 (th/cm) 110 – 305 (th/in)
Squeegee - Type	Polyurethane
Squeegee - Durometer	60 or 70
Squeegee - Profile	Square
Curing	Dryer: 160° C (320°F) / 60s --
Related Additives	--
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 20 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Free from PVC and APEO.

Formaldehyde free.

PHT-FREE: Phthalate-free.

Organotin free.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

It's the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

Whites

WB-S Soft White

P9515 - WB-Star High-Performance Waterbased Inks

WB-S Soft White, is a textile waterbase, PVC and ftalates free ink belonging to WB-Star Series from PRINTOP®, it has been specially developed to use meshes or silks of high numeration in presses of great production without having screen obstruction or blocking problems. It has good coverage and softness as well as good elasticity. It has a dry layer, non-sticky, elastic and of low gloss. It can be directly used as white on the fabric or as base to overprint colors.

Main Features:

- Good coverage.
- PVC and ftalates free products.
- Flexible ink film, it won't harden the fabric.
- Elastic ink film.
- Excellent adherence.
- Soft hand.

Tips/Directions:

Apply one layer, pre-dry, repeat and cure.

Suggested Formulations:

1 kg -> WB-S Soft White
10 g (1%) -> WB-S Retarding Additive

Observations:

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Recommendations:

To keep the "PVC and ftalates free" characteristic of this ink, do not mix it with other inks that do not belong to WB-Star line, unless this technical data sheet specifies a product that does not change this characteristic.
Do not iron the printed area, do not dry-clean.
It is necessary to stir the product before printing.

Technical Table	
Version	1.0 Rev. 25/02/2015
Application	Screen Printing
Nature	Waterbase textile ink
Substrate	100% cotton, Cotton + polyester blends, 100% Polyester
Emulsion	Direct
Mesh N°	43 – 120 (th/cm) 110 – 305 (th/in)
Squeegee - Type	Polyurethane
Squeegee - Durometer	60 or 70
Squeegee - Profile	Square
Curing	Dryer: 160° C (320°F) / 60s --
Related Additives	--
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 20 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Free from PVC and APEO.

PHT-FREE: Phthalate-free.

Organotin free.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

It's the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.
The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

The information on this Technical Data Sheet is based on our good faith and experience, therefore, it does not constitute in any way implicit or explicit warranty or liability due to the multiple ways, factors, application conditions and variety of existing fibers and materials beyond our control. The user must determine the applicability and the adaptability of the product for his particular intended use verifying all the properties and features described on this Technical Data Sheet, assuming for it all the risks, damages and consequences direct and indirect that this use supposes. Refer to the website for the latest version of this data sheet before using the product. All previous editions of this version and revision date are void.

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Specialty Bases

WB-S Clear Base

P9574 - WB-Star High-Performance Waterbased Inks

WB-S Clear Base, is a neutral waterbase of high performance belonging to WB-Star Series from PRINTOP®. It has been specially developed for light fabrics, it must be mixed with WB-S Atomix® to obtain softer finishes. WB-S Clear Base allows to use meshes or silks of high numeration on presses of high production without having screen obstruction or blocking problems.

Main Features:

- PVC and ftalates free ink.
- Flexible ink film, it won't harden the fabric.
- Soft hand.
- High wash resistance

Tips/Directions:

Apply one layer, pre-dry and cure.

Suggested Formulations:

To obtain different colors:

1.0 kg -> WB-S Atomix®

1.0 kg -> WB-S Clear Base

20 g (2%) -> WB-S Retarding Additive

Observations:

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Recommendations:

- The layer of the ink must be uniformed to obtain sharpness in the color.
- To keep the "PVC and ftalates free" characteristic of this ink, do not mix it with other products that do not belong to WB-Star line, unless this technical data sheet specifies a product that does not change this characteristic.

Do not iron the printed area, do not dry-clean.

It is necessary to stir the product before printing.

Technical Table	
Version	1.0 Rev. 13/03/2015
Application	Screen Printing
Nature	Waterbase textile base
Substrate	100% cotton, Cotton + polyester blends, 100% Polyester
Emulsion	Direct
Mesh N°	43 – 120 (th/cm) 110 – 305 (th/in)
Squeegee - Type	Polyurethane
Squeegee - Durometer	60
Squeegee - Profile	Square
Curing	Dryer: 160° C (320°F) / 60s --
Related Additives	--
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 20 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Free from PVC and APEO.

PHT-FREE: Phthalate-free.

Organotin free.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

It's the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

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Additives

WB-S Retarding Additive

P9516 - WB-Star High-Performance Waterbased Inks

WB-S Retarding Additive, is a textile waterbase additive belonging to WB-Star Series from PRINTOP®. It has been specially developed to delay the drying on the mesh of WB-S inks.

Main Features:

- Delay the drying of the waterbase inks.
- Liquid transparent product.
- Low viscosity.

Tips/Directions:

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Suggested Formulations:

1 kg -> WB-S Atomix®
 20 g (2%) -> WB-S Retarding Additive
 1 kg -> WB-S Soft White
 10 g (1%) -> WB-S Retarding Additive

Observations:

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Recommendations:

To keep the "PVC and ftalates free" characteristic of this additive, do not mix it with other products that do not belong to WB-Star line, unless this technical data sheet specifies a product that does not change this characteristic.
 Do not iron the printed area, do not dry-clean.
 It is necessary to stir the product before printing.

Technical Table	
Version	1.0 Rev. 13/03/2015
Application	Screen Printing
Nature	Waterbase additive
Substrate	--
Emulsion	
Mesh N°	--
Squeegee - Type	--
Squeegee - Durometer	--
Squeegee - Profile	--
Curing	-- --
Related Additives	--
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 20 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Free from PVC and APEO.

PHT-FREE: Phthalate-free.

Organotin free.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

It's the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Quimica Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

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WB-S Matting Additive

P9567 - WB-Star High-Performance Waterbased Inks

WB-S Matting Additive, is a textile waterbase additive belonging to WB-Star Series from PRINTOP®. It has been specially developed to reduce the tacking of the inks, it does not change the properties of early drying and mesh obstruction with the WB-Star series products.

Main Features:

- Reduce the tacking.
- Paste product.
- "Matte" finish.

Tips/Directions:

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Suggested Formulations:

1 kg -> WB-S Atomix®
20 g (2%) -> WB-S Retarding Additive
10-60 g (1-6%) -> WB-S Matting Additive

Observations:

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Recommendations:

- Keep the containers well closed once the additive is added.
- To keep the "PVC and ftalates free" characteristic of this additive, do not mix it with other inks that do not belong to WB-Star line, unless this technical data sheet specifies a product that does not change this characteristic.
Do not iron the printed area, do not dry-clean.
It is necessary to stir the product before printing.

Technical Table	
Version	1.0 Rev. 13/03/2015
Application	Screen Printing
Nature	Waterbase additive
Substrate	--
Emulsion	
Mesh N°	--
Squeegee - Type	--
Squeegee - Durometer	--
Squeegee - Profile	--
Curing	--
Related Additives	--
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 20 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Free from PVC and APEO.

PHT-FREE: Phthalate-free.

Organotin free.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

It's the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

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WB-S Fixer Additive

P9573 - WB-Star High-Performance Waterbased Inks

WB-S Fixer Additive, is a textile waterbase additive belonging to WB-Star Series from PRINTOP® when used in small quantities remarkably improves the wash resistance.

Main Features:

- Remarkably improve the wash resistance.
- Will not change color intensity.
- Liquid product.

Tips/Directions:

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Suggested Formulations:

1kg -> WB-S Atomix®
20 (2%) -> WB-S Retarding Additive
10-30 (1-3%) -> WB-S Fixer Additive

Observations:

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Recommendations:

- Mix immediately the additive up to its complete homogenization.
 - Keep the containers tightly closed once opened.
 - To keep the "PVC and ftalates free" characteristic of this additive, do not mix it with other products that do not belong to WB-Star line, unless this technical data sheet specifies a product that does not change this characteristic.
- Do not iron the printed area, do not dry-clean.
It is necessary to stir the product before printing.

Technical Table	
Version	1.0 Rev. 13/03/2015
Application	Screen Printing
Nature	Waterbase additive
Substrate	--
Emulsion	
Mesh N°	--
Squeegee - Type	--
Squeegee - Durometer	--
Squeegee - Profile	--
Curing	--
Related Additives	--
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 20 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Free from PVC and APEO.

PHT-FREE: Phthalate-free.

Organotin free.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

It's the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Quimica Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

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Directos

WB-S Black Plus 100

P9657 - WB-Star High-Performance Waterbased Inks

WB-S Black Plus 100, is a waterbase PVC and ftalates free ink belonging to WB-Star Series from PRINTOP®. It has been specially developed to use meshes or silks of high numeration on presses of high production without having screen obstruction or blocking problems. It has high intensity and softness.

Main Features:

- Flexible ink film, it won't harden the fabric.
- Matte finish.
- Soft hand.
- PVC and ftalates free ink.

Tips/Directions:

Apply one layer, pre-dry and cure.

Suggested Formulations:

1 kg -> WB-S Black Plus 100

20 g (2%) -> WB-S Retarding Additive

Observations:

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Recommendations:

To keep the "PVC and ftalates free" characteristic of this ink, do not mix it with other products that do not belong to WB-Star line, unless this technical data sheet specifies a product that does not change this characteristic.

Do not iron the printed area, do not dry-clean.

It is necessary to stir the product before printing.

Technical Table	
Version	1.0 Rev. 14/09/2015
Application	Screen Printing
Nature	Waterbase textile ink
Substrate	100% cotton, Cotton + polyester blends, 100% Polyester
Emulsion	Direct
Mesh N°	43 – 120 (th/cm) 110 – 305 (th/in)
Squeegee - Type	Polyurethane
Squeegee - Durometer	60 or 70
Squeegee - Profile	Square
Curing	Dryer: 160° C (320°F) / 60s --
Related Additives	--
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 20 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Free from PVC and APEO.

PHT-FREE: Phthalate-free.

Organotin free.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

It's the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

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Aquaplast®
High
Performance Waterbased Inks
(AQP)

Atomix® Matching Systems

AQP Plus PC Atomix Mix Base

P8238 - Aquaplast® High-performance Waterbase Inks

AQP Plus PC Atomix Mix Base, is a waterbase textile ink belonging to PRINTOP®'s Aquaplast® Series. It has been specially formulated to be mixed with AQP PC Atomix® pigments, allowing PANTONE® colors from the Atomix® Color Matching System.

Main Features:

- Low tacking.
- Flexible ink film, it won't harden the fabric.
- Soft hand.

Tips/Directions:

Apply one layer, pre-dry and cure.

Suggested Formulations:

--

Observations:

- Should not overprint AQP Plus products with AQP regular products or viceversa.

- The formulations of all Atomix® ink mixtures of Printop only produce simulation for Pantone Colors. The accuracy of the colors may be affected due the choice of the ink film on thickness, opacity, metamerism and pigment. PANTONE® and other Pantone, Inc. brands are property of Pantone, Inc. Portions © Pantone, Inc., 2007.

Recommendations:

It is necessary to stir the product before printing.

Technical Table	
Version	1.0 Rev. 10/04/2015
Application	Screen Printing
Nature	Waterbase textile base
Substrate	100% cotton, Cotton + polyester blends
Emulsion	Direct
Mesh N°	61 – 120 (th/cm) 156 – 305 (th/in)
Squeegee - Type	Polyurethane
Squeegee - Durometer	60
Squeegee - Profile	Square
Curing	Dryer: 160° C (320°F) / 60s --
Related Additives	--
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 20 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Free from PVC and APEO.

Formaldehyde free.

PHT-FREE: Phthalate-free.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

Is the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

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AQP PC Atomix® Mix Base

P7357 - Aquaplast® High-performance Waterbase Inks

AQP PC Atomix® Mix Base, is a waterbase textile ink belonging to PRINTOP®'s Aquaplast® Series. It has been specially formulated to be mixed with pigments AQP PC Atomix®, allowing PANTONE® colors from the Atomix® Color Matching System.

Main Features:

- Low Tacking.
- Allows to get intense shades.
- Will not change color intensity.
- High performance.
- Good tensile strength and stretchability.
- Soft hand.
- High wash resistance.

Tips/Directions:

Apply one layer, pre-dry and cure.

Suggested Formulations:

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Observations:

The formulations of all Atomix® ink mixtures of Printop only produce simulation for Pantone Colors. The accuracy of the colors may be affected due the choice of the ink film on thickness, opacity, metamerism and pigment. PANTONE® and other Pantone, Inc. brands are property of Pantone, Inc. Portions © Pantone, Inc., 2007.

Recommendations:

It is necessary to stir the product before printing.

Version	1.0 Rev. 08/06/2010
Application	Screen Printing
Nature	Waterbase textile base
Substrate	100% cotton, Cotton + polyester blends
Emulsion	Direct
Mesh N°	43 (th/cm) 110 (th/in)
Squeegee - Type	Polyurethane
Squeegee - Durometer	60
Squeegee - Profile	Square
Curing	Dryer: 160° C (320°F) / 60s --
Related Additives	AQP Binder Additive= Wash resistance increaser.
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 20 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Free from PVC and APEO.

PHT-FREE: Phthalate-free.

Free from Formaldehyde and Organotin compounds.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

Is the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

The information on this Technical Data Sheet is based on our good faith and experience, therefore, it does not constitute in any way implicit or explicit warranty or liability due to the multiple ways, factors, application conditions and variety of existing fibers and materials beyond our control. The user must determine the applicability and the adaptability of the product for his particular intended use verifying all the properties and features described on this Technical Data Sheet, assuming for it all the risks, damages and consequences direct and indirect that this use supposes. Refer to the website for the latest version of this data sheet before using the product. All previous editions of this version and revision date are void.

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AQP PC Atomix®

Aquaplast® High-performance Waterbase Inks

AQP PC Atomix®, is a concentrated water-pigment mixing system belonging to PRINTOP®'s Aquaplast® Series. It is composed of 14 pigments and an extender base that when are mixed according to Atomix® Color Matching System simulates PANTONE® colors in a fast and accurate way. AQP PC Atomix® formulas and percentages are available on the Atomix® Color Matching System as well as its friendly tools to improve your printing process.

Main Features:

- 14 concentrated pigments + AQP PLUS PC Atomix Mix Base
- Bright colors.
- Allows to get intense shades.
- Soft hand.
- High wash resistance.

Tips/Directions:

Apply one layer, flash and cure.

Suggested Formulations:

Available through Atomix® Color Matching System.

AQP PC Atomix® Products :

	Code	Product
1	P8238	AQP PLUS PC Atomix Mix Base
2	P8257	AQP PC Atomix Yellow-II
3	P7377	AQP PC Atomix Violet
4	P7378	AQP PC Atomix Blue RQ
5	P7380	AQP PC Atomix Blue1500
6	P7381	AQP PC Atomix Blue B
7	P7371	AQP PC Atomix Green
8	P7370	AQP PC Atomix Black
9	P7375	AQP PC Atomix White
10	P7379	AQP PC Atomix Magenta MX
11	P7372	AQP PC Atomix Lemon MX
12	P7376	AQP PC Atomix Red MX
13	P7368	AQP PC Atomix Fluo Yellow MX*
14	P7373	AQP PC Atomix Fluo Orange MX*
15	P7374	AQP PC Atomix Fluo Fuchsia MX*

*From batch number 70899 they are formaldehyde-free.

For dark fabrics replace AQP PC Atomix Mix Base to:

- P7356 DCH Classic Discharge Base ZF
- P6831 DCH Classic Activator ZF (10%)

This mixing contains Formaldehyde.

Observations:

- Atomix® Color Matching System is a tool for color simulations. Therefore, complete accuracy on the final shades is not guaranteed. The final colors may vary due to multiple printing factors (fabric, mesh count, squeegees, etc.).

- The formulations of all Atomix® ink mixtures of Printop only produce simulation for Pantone Colors. The accuracy of the colors may be affected due the choice of the ink film on thickness, opacity, metamerism and pigment. PANTONE® and other Pantone, Inc. brands are property of Pantone, Inc. Portions © Pantone, Inc., 2007.

Recommendations:

- Read carefully the User Manual before using the product.
 - AQP PC Atomix formulas must be weighed on accurate scales: 0.01gr for quantities less than 1kg and 0.1gr for quantities higher than 1kg.
- It is necessary to stir the product before printing.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

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Technical Table	
Version	2.0 Rev. 10/04/2015
Application	Screen Printing
Nature	Waterbase textile ink
Substrate	100% cotton, Cotton + polyester blends
Emulsion	Direct
Mesh N°	43 (th/cm) 110 (th/in)
Squeegee - Type	Polyurethane
Squeegee - Durometer	60
Squeegee - Profile	Square
Curing	Dryer: 160° C (320°F) / 60s --
Related Additives	--
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 20 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Free from PVC and APEO.

PHT-FREE: Phthalate-free.

Organotin free.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

Is the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals. The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

AQP PC Atomix Magenta MX II

P8281 - Aquaplast® High-performance Waterbase Inks

AQP PC Atomix Magenta MX II, is a concentrated water-pigment belonging to PRINTOP®'s Aquaplast® Series.

Main Features:

- Bright color.
- Allows to get intense shades.
- Good wash solidity.

Tips/Directions:

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Suggested Formulations:

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Observations:

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Recommendations:

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Technical Table	
Version	1.0 Rev. 13/11/2015
Application	Screen Printing
Nature	Waterbase textile pigment
Substrate	Cotton
Emulsion	
Mesh N°	--
Squeegee - Type	--
Squeegee - Durometer	--
Squeegee - Profile	--
Curing	-- --
Related Additives	--
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 20 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Free from PVC and APEO.

PHT-FREE: Phthalate-free.

Organotin free.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

Is the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

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Whites

AQP Plus Soft White

P8199 - Aquaplast® High-performance Waterbase Inks

AQP Plus Soft White, is a high-performance textile waterbase ink belonging to PRINTOP®'s Aquaplast® Series. It has been specially developed to work with automatic printing presses. Its concentrate additives retain the ink fluidity for long periods avoiding premature drying and mesh clogging. AQP Plus Soft White allows the use of high count mesh for large production runs without worrying about ink drying or screen cloggings. Besides, it has an excellent hiding power and soft hand over dark cotton fabrics.

Main Features:

- Excellent elasticity.
- Low tacking.
- Super delayed drying.
- Good definition and clarity in fine lines.
- Flexible ink film, it won't harden the fabric.
- Soft hand.

Tips/Directions:

Apply one layer, pre-dry, repeat and cure.

Suggested Formulations:

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Observations:

Should not overprint AQP Plus products with AQP regular products or viceversa.

Recommendations:

The ink layer should be uniform for obtaining clarity on definition of color. It is necessary to stir the product before printing.

Technical Table	
Version	1.0 Rev. 08/04/2015
Application	Screen Printing
Nature	Waterbase textile ink
Substrate	100% cotton, Cotton + polyester blends
Emulsion	Direct
Mesh N°	61 – 120 (th/cm) 156 – 305 (th/in)
Squeegee - Type	Polyurethane
Squeegee - Durometer	60
Squeegee - Profile	Square
Curing	Dryer: 160° C (320°F) / 60s --
Related Additives	--
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 20 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Free from PVC and APEO.

PHT-FREE: Phthalate-free.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

Is the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

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AQP Soft White

P7024 - Aquaplast® High-performance Waterbase Inks

AQP Soft White, is a high-performance textile waterbase ink belonging to PRINTOP®'s Aquaplast® Series. It has been specially developed to work with automatic printing presses. Its concentrate additives retain the ink fluidity for long periods avoiding premature drying and mesh cloggings. AQP Soft White allows the use of high count mesh for large production runs without worrying about ink drying or screens clogging. Besides, it has an excellent hiding power and soft hand over dark cotton fabrics.

Main Features:

- Minimal drying.
- Good definition and clarity in fine lines.
- Flexible ink film, it won't harden the fabric.
- Good opacity on dark garments.
- Good tensile strength and stretchability.
- "Matte" finish.
- Soft hand.

Tips/Directions:

Apply one layer, pre-dry, repeat and cure.

Suggested Formulations:

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Observations:

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Recommendations:

-The ink layer should be uniform for obtaining clarity on definition of color.

It is necessary to stir the product before printing.

Technical Table	
Version	1.0 Rev. 13/08/2009
Application	Screen Printing
Nature	Waterbase textile ink
Substrate	100% cotton, Cotton + polyester blends
Emulsion	Direct
Mesh N°	77 – 120 (th/cm) 195 – 305 (th/in)
Squeegee - Type	Polyurethane
Squeegee - Durometer	60
Squeegee - Profile	Square
Curing	Dryer: 160° C (320°F) / 60s --
Related Additives	--
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 20 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Free from PVC and APEO.

PHT-FREE: Phthalate-free.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

Is the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

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Specialty Bases

AQP Plus Neutral Mix Base 100

P8198 - Aquaplast® High-performance Waterbase Inks

AQP Plus Neutral Mix Base 100, is a high-performance textile waterbase ink belonging to the PRINTOP®'s Aquaplast® Series. It has been specially developed to work with automatic printing presses. Its concentrated additives retain the ink fluidity for longer time avoiding premature drying and mesh clogging. AQP Plus Neutral Mix Base 100 allows the use of high-count meshes in large production runs without worrying about screen drying or clogging.

Main Features:

- Excellent elasticity.
- Low tacking.
- Good definition and clarity in fine lines.
- Minimal drying.
- Flexible ink film, it won't harden the fabric.
- Soft hand.

Tips/Directions:

Apply one layer, pre-dry and cure.

Suggested Formulations:

To obtain different colors:

1 kg -> AQP Plus Neutral Mix Base 100

30 g (3%)-> AQP Pigments (Colors)

To obtain fluorescents colors:

1Kg-> AQP Plus Neutral Mix Base 100

80g (8%)-> AQP Pigments (Colors) FL

Observations:

- Should not overprint AQP Plus products with AQP regular products or viceversa.

Recommendations:

The ink layer should be uniform for sharpness in color.

It is necessary to stir the product before printing.

Technical Table	
Version	1.0 Rev. 09/04/2015
Application	Screen Printing
Nature	Waterbase textile base
Substrate	100% cotton, Cotton + polyester blends
Emulsion	Direct
Mesh N°	61 – 120 (th/cm) 156 – 305 (th/in)
Squeegee - Type	Polyurethane
Squeegee - Durometer	60
Squeegee - Profile	Square
Curing	Dryer: 160° C (320°F) / 60s --
Related Additives	--
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 20 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Free from PVC and APEO.

PHT-FREE: Phthalate-free.

Free from Formaldehyde and Organotin compounds.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

Is the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

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AQP Plus Opaque Mix Base 100

P8197 - Aquaplast® High-performance Waterbase Inks

AQP Plus Opaque Mix Base 100, is a high-performance textile waterbase ink belonging to PRINTOP®'s Aquaplast® Series. It has been specially developed to work with automatic printing presses. Its concentrated additives retain the ink fluidity for longer periods avoiding premature drying and mesh clogging. AQP Plus Opaque Mix Base 100 allows the use of high-count meshes on large production runs without worrying about screen drying or clogging.

Main Features:

- Excellent elasticity.
- Low tacking.
- Very slow drying.
- Good definition and clarity in fine lines.
- Flexible ink film, it won't harden the fabric.
- Soft hand.

Tips/Directions:

Apply one layer, pre-dry, repeat and cure.

Suggested Formulations:

To obtain different colors:

1kg -> AQP Plus Opaque Mix Base 100
60g (6%) -> AQP PC Atomix (Colors)

To obtain fluorescents colors:

1kg -> AQP Plus Opaque Mix Base 100
80g (8%) -> AQP PC Atomix (Fluo Colors)

Observations:

- Should not overprint AQP Plus products with AQP regular products or viceversa.

Recommendations:

The ink layer should be uniform for obtaining clarity or definition in color.
It is necessary to stir the product before printing.

Technical Table	
Version	1.0 Rev. 08/04/2015
Application	Screen Printing
Nature	Waterbase textile base
Substrate	100% cotton, Cotton + polyester blends
Emulsion	Direct
Mesh N°	61 – 120 (th/cm) 156 – 305 (th/in)
Squeegee - Type	Polyurethane
Squeegee - Durometer	60
Squeegee - Profile	Square
Curing	Dryer: 160° C (320°F) / 60s --
Related Additives	--
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 20 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Free from PVC and APEO.

Formaldehyde free.

PHT-FREE: Phthalate-free.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

Is the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

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AQP Plus Puff Base 200

P8239 - Aquaplast® High-performance Waterbase Inks

AQP Plus Puff Base 200, is a textile waterbase ink belonging to PRINTOP®'s Aquaplast® Series. It has been specially formulated to obtain high puff printing. This ink is useful for automatic print machines. Its concentrated additives maintain ink's smoothness for longer time avoiding premature mesh drying and clogging. It must be mixed with AQP Pigments to obtain the desired color.

Main Features:

- High puff finish.
- Flexible ink film, it won't harden the fabric.
- Soft hand.

Tips/Directions:

Apply one layer, pre-dry and cure.

Suggested Formulations:

To obtain different colors:

1 kg -> AQP Plus Puff Base 200

40g (4%) -> AQP Pigments

Observations:

Should not overprint AQP Plus products with AQP regular products or viceversa.

Recommendations:

Do not iron the printed area, do not dry-clean.

Technical Table	
Version	1.0 Rev. 08/04/2015
Application	Screen Printing
Nature	Waterbase textile ink
Substrate	100% cotton, Cotton + polyester blends
Emulsion	Direct
Mesh N°	43 – 90 (th/cm) 110 – 230 (th/in)
Squeegee - Type	Polyurethane
Squeegee - Durometer	60
Squeegee - Profile	Square
Curing	Dryer: 160° C (320°F) / 30s --
Related Additives	--
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 20 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Free from PVC and APEO.

Formaldehyde free.

PHT-FREE: Phthalate-free.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

Is the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

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AQP Plus Glitter Base

P8280 - Aquaplast® High-performance Waterbase Inks

AQP Plus Glitter Base, it has been specially design to run works in automatic print machines performing as support in glitter or frost mixtures. Its high transparency allow glitter particles to produce a gloss of higher radiance and a good wash resistance printing. Its concentrate additives keep ink's smoothness for longer time avoiding premature mesh drying and clogging.

Main Features:

- w to obtain glossy finish.
- Very slow drying.
- Flexible ink film, it won't harden the fabric.
- Soft hand.

Tips/Directions:

Apply one layer, pre-dry and cure

Suggested Formulations:

1kg -> AQP Plus Glitter Base

100-130 g(10-13%)-> Glitter or Frosty.

Observations:

- Should not overprint AQP Plus products with AQP regular products or viceversa.

Recommendations:

-The ink layer should be uniform for sharpness in color.

It is necessary to stir the product before printing.

Technical Table	
Version	1.0 Rev. 11/04/2015
Application	Screen Printing
Nature	Waterbase textile base
Substrate	100% cotton, Cotton + polyester blends
Emulsion	Direct
Mesh N°	10 – 15 (th/cm) 25 – 40 (th/in)
Squeegee - Type	Polyurethane
Squeegee - Durometer	60
Squeegee - Profile	Square
Curing	Dryer: 160° C (320°F) / 60s --
Related Additives	--
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 20 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Free from PVC and APEO.

Formaldehyde free.

PHT-FREE: Phthalate-free.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

Is the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

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AQP Plus Greystop 100

P8250 - Aquaplast® High-performance Waterbase Inks

AQP Plus Greystop 100, is a high-performance textile waterbase ink belonging to PRINTOP®'s Aquaplast® Series. It has been specially developed to print on automatic machines. Its concentrate additives maintain the ink fluidity for longer time, avoiding premature mesh drying and clogging. Likewise, it is marked by being a base able to stop or control fabric dye migration that frequently stains the printed ink layer. This usually happens specially with polyester and/or blend fabrics. It is printed as a first layer or "primer" and, after a flash drying the colors or the white ink are printed over.

Main Features:

- Useful for white color printing over colored synthetic fabrics.
- Flexible ink film, it won't harden the fabric.
- Soft hand.
- Good wash resistance.

Tips/Directions:

Print one layer, flash pre- dry and repeat. Then, apply the other colors over the printed layer.

Suggested Formulations:

Direct application.

Observations:

- Should not overprint AQP Plus products with AQP regular products or viceversa.

Recommendations:

For severe migration cases, apply two layer of AQP Plus Greystop 100 (with pre-drying in between layers)

Some dye migration might be presented in conditions in which the fabric gets in contact with the printed film. It is recommended to take caution specially when stacking and packing the garments. Avoid direct contact between the printing and the fabric. Due to the different conditions and dye /colorant kinds, a 100% of effectiveness is not guaranteed. It is necessary to stir the product before printing.

Technical Table	
Version	1.0 Rev. 11/04/2015
Application	Screen Printing
Nature	Waterbase textile base
Substrate	Cotton + polyester blends, 100% Polyester
Emulsion	Direct
Mesh N°	43 (th/cm) 110 (th/in)
Squeegee - Type	Polyurethane
Squeegee - Durometer	60
Squeegee - Profile	Square
Curing	Dryer: 160° C (320°F) / 60s --
Related Additives	--
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request
Presentation	Container: plastic. Modality: 1 kg Bucket, 20 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

Free from PVC and APEO.

Formaldehyde free.

PHT-FREE: Phthalate-free.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

Is the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

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AQP Plus Devorée Activator 100

P8393 - Aquaplast® High-performance Waterbase Inks

AQP Plus Devorée Activator 100, is a powder additive used to mix it with AQP Plus Devorée Base 100. This additive activates the base when mixed at 10%, consuming the cotton and leaving only the polyester fabric, giving an effect of a transparent mesh.

Main Features:

- Powdered product.

Tips/Directions:

--

Suggested Formulations:

1kg -> AQP Plus Devorée Base 100

100g (10%) -> AQP Plus Devorée Activator 100

Observations:

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Recommendations:

- Close tightly the container after using the mixture.
- To obtain better results, it is suggested to work with 70% polyester and 30% cotton fabrics.

Technical Table	
Version	1.0 Rev. 11/04/2015
Application	Screen Printing
Nature	Waterbase additive
Substrate	--
Emulsion	
Mesh N°	--
Squeegee - Type	--
Squeegee - Durometer	--
Squeegee - Profile	--
Curing	-- --
Related Additives	--
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 20 kg Bucket, 1 Gl Bucket, 5 Gl Bucket
Best If Used Within	12 months

Chemical contents reference:

Free from PVC and APEO.

PHT-FREE: Phthalate-free.

Free from Formaldehyde and Organotin compounds.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

Is the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

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AQP Plus Metallic Silver

P8201 - Aquaplast® High-performance Waterbase Inks

AQP Plus Metallic Silver, is a textile waterbase ink belonging to PRINTOP®'s Aquaplast® Series. It has been specially developed to obtain a golden semi-bright finish. It has good coverage over dark fabrics and good elasticity. Its concentrate additives preserve fluidity of ink for longer time, avoiding premature mesh drying and clogging.

Main Features:

- Flexible ink film, it won't harden the fabric.
- Soft hand.
- Semi-bright silver finish.
- Good wash solidity.

Tips/Directions:

Apply one layer, pre-dry and cure.

Suggested Formulations:

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Observations:

- Should not overprint AQP Plus products with AQP regular products or viceversa.

Recommendations:

It is necessary to stir the product before printing.

Technical Table	
Version	1.0 Rev. 09/04/2015
Application	Screen Printing
Nature	Waterbase textile ink
Substrate	100% cotton, Cotton + polyester blends
Emulsion	Direct
Mesh N°	32 (th/cm) 83 (th/in)
Squeegee - Type	Polyurethane
Squeegee - Durometer	60
Squeegee - Profile	Square
Curing	Dryer: 160° C (320°F) / 60s --
Related Additives	--
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 20 kg Bucket, 200 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

Free from PVC and APEO.

PHT-FREE: Phthalate-free.

Free from Formaldehyde and Organotin compounds.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

Is the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

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AQP Plus Metallic Gold

P8202 - Aquaplast® High-performance Waterbase Inks

AQP Plus Metallic Gold, is a textile waterbase ink belonging to PRINTOP®'s Aquaplast® Series. It has been specially developed to obtain a golden semi-bright finish. It has good coverage over dark fabrics and good elasticity. Its concentrate additives preserve fluidity of ink for longer time, avoiding premature mesh drying and clogging.

Main Features:

- Flexible ink film, it won't harden the fabric.
- Good adherence.
- Semi-brigh soft finish.

Tips/Directions:

Apply one layer and cure.

Suggested Formulations:

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Observations:

- Should not overprint AQP Plus products with AQP regular products or viceversa.

Recommendations:

To obtain the best results on dark fabrics, it is suggested to apply two layers with intermediate drying.

It is necessary to stir the product before printing.

Technical Table	
Version	1.0 Rev. 09/04/2015
Application	Screen Printing
Nature	Waterbase textile ink
Substrate	100% cotton, Cotton + polyester blends
Emulsion	Direct
Mesh N°	32 (th/cm) 83 (th/in)
Squeegee - Type	Polyurethane
Squeegee - Durometer	60
Squeegee - Profile	Square
Curing	Dryer: 160° C (320°F) / 60s Heat Transfer Press: 160° C (320°F)/30s 40 lb/sqin (psi)
Related Additives	--
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 20 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Free from PVC and APEO.

PHT-FREE: Phthalate-free.

Free from Formaldehyde and Organotin compounds.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

Is the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals. The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

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AQP Plus Pearl Base 100

P8200 - Aquaplast® High-performance Waterbase Inks

AQP Plus Pearl Base 100, is a textile waterbase ink belonging to PRINTOP®/S Aquaplast® Series. It has been especially developed to obtain printings with semi-bright metallic finish. It has good coverage over dark fabrics with very good elasticity. This ink is useful in automatic press machines. Its concentrate additives maintains the ink fluidity for longer time, avoiding premature drying and mesh clogs.

Main Features:

- Semi-bright metallic finish.
- Flexible ink film, it won't harden the fabric.
- Good opacity on dark garments.
- Good wash solidity.

Tips/Directions:

--

Suggested Formulations:

To obtain different colors:

1kg -> AQP Plus Pearl Base 100

40g (4%) -> AQP Pigments (Colors)

Using it without pigment you will obtain a bright pearl color.

Observations:

- Do not over print AQP Plus products with AQP regular products and viceversa.

Recommendations:

- Over light fabrics: Apply, pre-dry and cure.

- Over dark fabrics: Apply, pre-dry, repeat and cure.

- The ink layer should be uniform to obtain clarity on definition of color.
It is necessary to stir the product before printing.

Technical Table	
Version	1.0 Rev. 11/04/2015
Application	Screen Printing
Nature	Waterbase textile ink
Substrate	100% cotton, Cotton + polyester blends
Emulsion	Direct
Mesh N°	32 (th/cm) 83 (th/in)
Squeegee - Type	Polyurethane
Squeegee - Durometer	60
Squeegee - Profile	Square
Curing	Dryer: 160° C (320°F) / 60s Heat Transfer Press: 160° C (320°F)/30s 60 lb/sqin (psi)
Related Additives	--
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 20 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108).

Free from PVC and APEO.

Formaldehyde free.

PHT-FREE: Phthalate-free.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

Is the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

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Specialty Products

AQP Plus Process

Aquaplast® High-performance Waterbase Inks

AQP Plus Process, is a set of textile waterbase inks belonging to PRINTOP®'s Aquaplast® Series. It has been specially developed to print CMYK on light fabrics (process color, four color process), it resists washing, tensile and wear out. It is shown in Yellow, Magenta, Cyan and Black.

Main Features:

- Very slow drying.
- Good definition and clarity in fine draw.
- Flexible ink film, it won't harden the fabric.
- Soft hand.

Tips/Directions:

Apply one layer of each color with pre-dry and cure.

Suggested Formulations:

--

AQP Plus Process Products :

	Code	Product
1	P8206	AQP Plus Process Yellow
2	P8205	AQP Plus Process Magenta
3	P8204	AQP Plus Process Cyan
4	P8203	AQP Plus Process Black

Observations:

- Should not overprint AQP Plus products with AQP regular products or viceversa.

Recommendations:

It is necessary to stir the product before printing.

Technical Table	
Version	1.0 Rev. 13/04/2015
Application	Screen Printing
Nature	Waterbase textile ink
Substrate	100% cotton, Cotton + polyester blends
Emulsion	Direct
Mesh N°	90 – 120 (th/cm) 230 – 305 (th/in)
Squeegee - Type	Polyurethane
Squeegee - Durometer	60
Squeegee - Profile	Square
Curing	Dryer: 160° C (320°F) / 60s --
Related Additives	--
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 20 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

Free from PVC and APEO.

PHT-FREE: Phthalate-free.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

Is the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

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Additives

AQP Plus Matting Additive

P8267 - Aquaplast® High-performance Waterbase Inks

AQP Plus Matting Additive, is a textile waterbase additive belonging to PRINTOP®'s Aquaplast® Series. It has been especially developed to reduce tacking from the inks, not changes premature drying properties and mesh clogging when mixing with the products of Aquaplast® Series.

Main Features:

- Reduces tacking.
- Will not change color intensity.
- Paste product.
- Soft hand.

Tips/Directions:

--

Suggested Formulations:

1 kg -> AQP Plus Neutral Mix Base 100, AQP Plus Opaque Mix Base 100 or AQP Plus Soft White.

20g (2%) -> AQP Plus Matting Additive.

Observations:

- Should not overprint AQP Plus products with AQP regular products or viceversa.

Recommendations:

It is necessary to stir the product before printing.

Technical Table	
Version	1.0 Rev. 10/04/2015
Application	Screen Printing
Nature	Waterbase additive
Substrate	--
Emulsion	
Mesh N°	--
Squeegee - Type	--
Squeegee - Durometer	--
Squeegee - Profile	--
Curing	--
Related Additives	--
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 20 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108).

Free from PVC and APEO.

Formaldehyde free.

PHT-FREE: Phthalate-free.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

Is the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

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AQP Plus Fixer Additive

P8264 - Aquaplast® High-performance Waterbase Inks

AQP Plus Fixer Additive, is a textile waterbase additive belonging to PRINTOP®'s Aquaplast® Series, when this product is used in small quantities considerably improves wash resistance.

Main Features:

- Considerably improves wash resistance.
- Will not change color intensity.
- Liquid product.

Tips/Directions:

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Suggested Formulations:

1kg -> AQP Plus Opaque Mix Base 100 or AQP Plus Neutral Mix Base 100.
10-20 g (1-2%) -> AQP Plus Fixer Additive.

Observations:

- Should not overprint AQP Plus products with AQP regular products or viceversa.

Recommendations:

- It is recommended immediately to mix the additive until it is completely homogenized.
- Once the additive is added, the ink will have 24hrs shelf life.
It is necessary to stir the product before printing.

Technical Table	
Version	1.0 Rev. 10/04/2015
Application	Screen Printing
Nature	Waterbase additive
Substrate	--
Emulsion	
Mesh N°	--
Squeegee - Type	--
Squeegee - Durometer	--
Squeegee - Profile	--
Curing	--
Related Additives	--
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 20 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

Free from PVC and APEO.

PHT-FREE: Phthalate-free.

Free from Formaldehyde and Organotin compounds.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

Is the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

The information on this Technical Data Sheet is based on our good faith and experience, therefore, it does not constitute in any way implicit or explicit warranty or liability due to the multiple ways, factors, application conditions and variety of existing fibers and materials beyond our control. The user must determine the applicability and the adaptability of the product for his particular intended use verifying all the properties and features described on this Technical Data Sheet, assuming for it all the risks, damages and consequences direct and indirect that this use supposes. Refer to the website for the latest version of this data sheet before using the product. All previous editions of this version and revision date are void.

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AQP Plus Retarding Additive

P8265 - Aquaplast® High-performance Waterbase Inks

AQP Plus Retarding Additive, is a textile waterbase additive belonging to PRINTOP®'s Aquaplast® Series. It has been specially developed to slow drying of waterbase inks in the mesh. It is recommended to use under hot areas or hot weather.

Main Features:

- Slows drying of waterbase inks.
- Will not change color intensity.
- Low viscosity.
- Liquid product.
- Soft hand.

Tips/Directions:

--

Suggested Formulations:

1 kg -> AQP Plus Neutral Mix Base 100, AQP Plus Opaque Mix Base 100 or AQP Plus Soft White.

10-30 g (1-3%) -> AQP Plus Retarding Additive.

Observations:

- Should not overprint AQP Plus products with AQP regular products or viceversa.

Recommendations:

It is necessary to stir the product before printing.

Technical Table	
Version	1.0 Rev. 11/04/2015
Application	Screen Printing
Nature	Waterbase additive
Substrate	--
Emulsion	
Mesh N°	--
Squeegee - Type	--
Squeegee - Durometer	--
Squeegee - Profile	--
Curing	--
Related Additives	--
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 20 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

Free from PVC and APEO.

Ecofriendly: Phthalate-free. No contains DEHP-DOP, DnOP, DBP, BBP, DINP, DIDP, DIBP.

PHT-FREE: Phthalate-free.

Free from Formaldehyde and Organotin compounds.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

Is the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

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AQP Plus Viscosity Reducer

P8207 - Aquaplast® High-performance Waterbase Inks

AQP Plus Viscosity Reducer, is a textile waterbase additive belonging to PRINTOP®'s Aquaplast® Series. It has been specially developed to reduce the viscosity of waterbase inks from Aquaplast® Series.

Main Features:

- Viscosity reducer.
- Low viscosity.
- Soft hand.

Tips/Directions:

--

Suggested Formulations:

1 kg -> AQP Plus Neutral Mix Base 100, AQP Plus Opaque Mix Base 100 or AQP Plus Soft White.

50g (5%) -> AQP Plus Viscosity Reducer.

Observations:

- Should not overprint AQP Plus products with AQP regular products or viceversa.

Recommendations:

It is necessary to stir the product before printing.

Technical Table	
Version	1.0 Rev. 10/04/2015
Application	Screen Printing
Nature	Waterbase additive
Substrate	--
Emulsion	
Mesh N°	--
Squeegee - Type	--
Squeegee - Durometer	--
Squeegee - Profile	--
Curing	--
Related Additives	--
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 20 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Free from PVC and APEO.

Ecofriendly: Phthalate-free. No contains DEHP-DOP, DnOP, DBP, BBP, DINP, DIDP, DIBP.

PHT-FREE: Phthalate-free.

Free from Formaldehyde and Organotin compounds.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

Is the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run. The information on this Technical Data Sheet is based on our good faith and experience, therefore, it does not constitute in any way implicit or explicit warranty or liability due to the multiple ways, factors, application conditions and variety of existing fibers and materials beyond our control. The user must determine the applicability and the adaptability of the product for his particular intended use verifying all the properties and features described on this Technical Data Sheet, assuming for it all the risks, damages and consequences direct and indirect that this use supposes. Refer to the website for the latest version of this data sheet before using the product. All previous editions of this version and revision date are void.

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AQP Plus Binder Additive

P8266 - Aquaplast® High-performance Waterbase Inks

AQP Plus Binder Additive, is a textile waterbase additive belonging to PRINTOP®'s Aquaplast® Series. It is a binder acrylic that reduces detachment or bleeding of water inks when they exceed the recommended pigment percentage. Offers to printed products high wash and wear out resistance.

Main Features:

- Improves wash resistance.
- Does not alter color intensity.
- Liquid product.

Tips/Directions:

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Suggested Formulations:

1 kg -> AQP Plus Neutral Mix Base 100 or AQP Plus Opaque Mix Base 100.
30-60 g (3-6%) -> AQP Plus Binder Additive.

Observations:

- Should not overprint AQP Plus products with AQP regular products or viceversa.

Recommendations:

It is necessary to stir the product before printing.

Technical Table	
Version	1.0 Rev. 11/04/2015
Application	Screen Printing
Nature	Waterbase additive
Substrate	--
Emulsion	
Mesh N°	--
Squeegee - Type	--
Squeegee - Durometer	--
Squeegee - Profile	--
Curing	--
Related Additives	--
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 20 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108).

Free from PVC and APEO.

Formaldehyde free.

PHT-FREE: Phthalate-free.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

Is the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

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Others

AQP Pigments

Aquaplast® High-performance Waterbase Inks

AQP Pigments, are a completed range of concentrate pigments from PRINTOP®'s Aquaplast® Series. It has been specially formulated to give color to the covered and neutral bases of Aquaplast® Series. They can be mixed together in order to obtain different hues. It presents migration and efflorescence.

Main Features:

- High performance.
- Several colors range.
- Allows to get intense shades.

Tips/Directions:

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Suggested Formulations:

Neutral Base:

1kg -> AQP Neutral Mix Base 100

30g (3%) -> AQP Pgm (Colors)

Covering Base:

1kg -> AQP Opaque Mix Base 100

60g (6%) -> AQP Pgm (Colors)

AQP Pigments Products :

	Code	Product
1	P7553	AQP Pgm Yellow HX
2	P7552	AQP Pgm Yellow GH
3	P7576	AQP Pgm Yellow LH
4	P7577	AQP Pgm Yellow S41
5	P7570	AQP Pgm Burgundy EM
6	P7569	AQP Pgm Red HD2
7	P7573	AQP Pgm Green
8	P7557	AQP Pgm Blue LM
9	P7558	AQP Pgm Blue NMA
10	P7575	AQP Pgm Violet XZ
11	P7564	AQP Pgm Black
12	P7562	AQP Pgm Orange FL
13	P7560	AQP Pgm Fuchsia FL
14	P7559	AQP Pgm White

Observations:

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Recommendations:

It is necessary to stir the product before printing.

Technical Table	
Version	1.0 Rev. 10/04/2015
Application	Screen Printing
Nature	Waterbase textile pigment
Substrate	100% dyed cotton with reactive or corroibles dyes , 100% cotton
Emulsion	
Mesh N°	--
Squeegee - Type	--
Squeegee - Durometer	--
Squeegee - Profile	--
Curing	--
Related Additives	AQP Binder Additive= Bleeding reducer.
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 20 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Free from PVC and APEO.

PHT-FREE: Phthalate-free.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

Is the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Quimica Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

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Discharge

Atomix

DCH Classic Discharge Base ZF

P7356 - Discharge

DCH Classic Discharge Base ZF, is a PRINTOP®'s textile waterbase ink for Discharge printings. It has been especially formulated to be printed over dark fabrics, it should be mixed with AQP PC Atomix® pigments in order to obtain the colors of the PANTONE® Software Atomix® System. This base is activated with DCH Classic Activator ZF (powder). It works only on 100% cotton dyed with reactive or dischargeable dyes.

Main Features:

- High wash resistance
- Good wash solidity.

Tips/Directions:

Apply one layer, pre-dry and cure.

Suggested Formulations:

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Observations:

The formulations of all Atomix® ink mixtures of Printop only produce simulation for Pantone Colors. The accuracy of the colors may be affected due the choice of the ink film on thickness, opacity, metamerism and pigment. PANTONE® and other Pantone, Inc. brands are property of Pantone, Inc. Portions © Pantone, Inc., 2007.

Recommendations:

1. For avoiding undesired and/or allergenic effects due to remains of the discharge agent, the garments or fabrics printed with this product must be washed before packing or must have a tag indicating that the piece has to be washed before its first use.
2. It is necessary to stir the product before printing.
3. Due to the nature of this product and additives, as well as to the multiple factors that may affect the performance (knit, dyeing, environmental temperature, curing temperature, relative humidity, hydrophilicity, etc.), the final color obtained during production may present variations.
4. Read carefully Atomix® Guidelines before using the product.
5. We do not recommend stacking the recently cured garments to prevent reaction by contact with another garment.

Technical Table	
Version	2.0 Rev. 25/08/2015
Application	Screen Printing
Nature	Waterbase textile base
Substrate	100% dyed cotton with reactive or corroibles dyes.
Emulsion	Direct
Mesh N°	43 (th/cm) 110 (th/in)
Squeegee - Type	Polyurethane
Squeegee - Durometer	60
Squeegee - Profile	Square
Curing	Dryer: 160° C (320°F) / 60s --
Related Additives	--
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 20 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

PHT-FREE: Phthalate-free.

Is the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals. The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

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Whites

DCH Ultra White

P9670 - Discharge

DCH Ultra White, is a textile waterbase ink for discharge printings from PRINTOP®. It has been specially formulated to be printed over dark fabrics obtaining a white color with a very soft hand. This ink is activated when it is mixed with DCH Classic Activator ZF (powder), dying the fabric colorant and turning the fibers into white color. It must be 100% cotton dyed with reactive dyes or corroibles.

Main Features:

- Very soft hand.
- Excellent wash resistance.
- Will not harden the fabric.

Tips/Directions:

Apply one layer and cure.

Suggested Formulations:

1kg -> DCH Ultra White

50g (5%) -> DCH Classic Activator ZF

Observations:

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Recommendations:

1. The mixture (Base + Agent) last 6 hours; after this time the product will lose its effectiveness.
2. In order to eliminate the remains of the discharge agent, the garments or fabrics printed with this product must be washed before packing or must have a tag indicating that the piece has to be washed before its first use.
3. Due to the nature of this product and additives, as well as to the multiple factors that may affect the performance (knit, dyeing, environmental temperature, curing temperature, relative humidity, hydrophilicity, etc.), the final color obtained during production may present variations.

Technical Table	
Version	1.0 Rev. 21/07/2015
Application	Screen Printing
Nature	Waterbase textile ink
Substrate	100% cotton dyed with reactive dyes or corroibles.
Emulsion	Direct
Mesh N°	43 – 77 (th/cm) 110 – 195 (th/in)
Squeegee - Type	Polyurethane
Squeegee - Durometer	60
Squeegee - Profile	Square
Curing	Dryer: 160° C (320°F) / 60s --
Related Additives	--
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request
Presentation	--
Best If Used Within	12 months

Chemical contents reference:

Ecofriendly: Phthalate-free. No contains DEHP-DOP, DnOP, DBP, BBP, DINP, DIDP, DIBP.

Contains Formaldehyde.

It's the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

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DCH Classic Discharge White ZF

P7456 - Discharge

DCH Classic Discharge White ZF, is a PRINTOP®'s textile waterbase ink for discharge printings. It has been especially formulated to be printed over dark fabrics achieving a white color with a very soft hand. This ink is activated when it is mixed with DCH Classic Activator ZF (powder), dying the fabric colorant and turning the fibers into white color. It must be 100% cotton dyed with reactive dyes or corrobles.

Main Features:

- Very soft hand.
- Excellent wash resistance.
- Will not harden the fabric.
- High wash resistance

Tips/Directions:

Apply one layer and cure.

Suggested Formulations:

1kg -> DCH Classic Discharge White ZF.

50g (5%) -> DCH Classic Activator ZF.

Observations:

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Recommendations:

1. The mixture (Base + Agent) last 6 hours; after this time the product will lose its effectiveness.
2. For avoiding undesired and/or allergenic effects due to remains of the discharge agent, the garments or fabrics printed with this product must be washed before packing or must have a tag indicating that the piece has to be washed before its first use.
3. Due to the nature of this product and additives, as well as to the multiple factors that may affect the performance (knot, dyeing, environmental temperature, curing temperature, relative humidity, hydrophilicity, etc.), the final color obtained during production may present variations.

Technical Table	
Version	1.0 Rev. 18/03/2015
Application	Screen Printing
Nature	Waterbase textile ink
Substrate	100% dyed cotton with reactive or corrobles dyes
Emulsion	Direct
Mesh N°	43 (th/cm) 110 (th/in)
Squeegee - Type	Polyurethane
Squeegee - Durometer	60
Squeegee - Profile	Square
Curing	Dryer: 160° C (320°F) / 60s --
Related Additives	--
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request
Presentation	--
Best If Used Within	12 months

Chemical contents reference:

PHT-FREE: Phthalate-free.

Is the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals. The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

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Specialty Bases

DCH Base Plus

P9671 - Discharge

DCH Base Plus, is a textile waterbase for discharge printings from PRINTOP®. It has been specially formulated to be printed on dark fabrics obtaining brilliant colors with a very soft hand. This base is activated by mixing it with DCH Classic Activator ZF (powder), dying the fabric colorant and turning the fibers into its natural color and simultaneously colored it by using AQP Plus Pigments. The fabric must be 100% cotton fabric dyed with reactive or corroible dyes.

Main Features:

- Excellent corrosion base.
- Very soft hand.
- Good wash resistance.

Tips/Directions:

Apply one layer and cure.

Suggested Formulations:

To obtain different colors:

1kg -> DCH Base Plus
50g (5%) -> DCH Classic Activator ZF
80g (8%) -> AQP Plus Pigments (colors)

To obtain fluorescent colors:

1kg -> DCH Base Plus
50g (5%) -> DCH Classic Activator ZF
100g (10%) -> AQP Plus Fluo Pigments

Observations:

First, homogenize the Base with the pigment before adding the Agent.

The mixture (Base + Agent) last 6 hours; after this time the product will be losing its effectiveness.

Recommendations:

1. In order to eliminate the remains of the discharge agent, the garments or fabrics printed with this product must be washed before packing or must have a tag indicating that the piece has to be washed before its first use.
2. It is necessary to stir the product before printing.
3. Due to the nature of this product and additives, as well as to the multiple factors that may affect the performance (knit, dyeing, environmental temperature, curing temperature, relative humidity, hydrophilicity, etc.), the final color obtained during production may present variations.

It is necessary to stir the product before printing.

Technical Table	
Version	1.0 Rev. 27/07/2015
Application	Screen Printing
Nature	Waterbase textile base
Substrate	100% cotton fabric dyed with reactive or corroible dyes.
Emulsion	Direct
Mesh N°	43 – 90 (th/cm) 110 – 230 (th/in)
Squeegee - Type	Polyurethane
Squeegee - Durometer	60
Squeegee - Profile	Square
Curing	Dryer: 160° C (320°F) / 60s --
Related Additives	--
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 20 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

PHT-FREE: Phthalate-free.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

It's the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

The information on this Technical Data Sheet is based on our good faith and experience, therefore, it does not constitute in any way implicit or explicit warranty or liability due to the multiple ways, factors, application conditions and variety of existing fibers and materials beyond our control. The user must determine the applicability and the adaptability of the product for his particular intended use verifying all the properties and features described on this Technical Data Sheet, assuming for it all the risks, damages and consequences direct and indirect that this use supposes. Refer to the website for the latest version of this data sheet before using the product. All previous editions of this version and revision date are void.

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Discharge Base 100

P6685 - Discharge

Discharge Base 100, is a PRINTOP®'s textile waterbase for printings on discharge. It has been especially formulated to be printed on dark fabrics achieving brilliant colors with a very soft hand. This base is activated by mixing it with DCH Classic Activator ZF (powder), discharging the dye from the fabric leaving the fiber on its natural color and simultaneously colored by using Discharge Pigments. The fabric must be 100% cotton fabric dyed with reactive or corroible's dyes.

Main Features:

- Excellent corrosion base.
- Very soft hand.
- Good wash resistance.
- Will not harden the fabric.
- Flexible ink film, it won't harden the fabric.
- High wash resistance

Tips/Directions:

Apply one layer and cure.

Suggested Formulations:

To obtain different colors:

1kg -> Discharge Base 100
50 to 100g (5 to 10%) -> DCH Classic Activator ZF
60g (6%) -> Discharge Pgm (Colors) or AQP Pgm (Colors)

To obtain fluorescent colors:

1kg -> Discharge Base 100
50 to 100g (5 to 10%) -> DCH Classic Activator ZF
100g (10%) -> Discharge Pgm (Colors) FL or AQP Pgm (Colors) FL

*First, homogenize the Base with the pigment before adding the Agent.

*The mixture (Base + Agent) last 6 hours; after this time the product will be losing its effectiveness.

Observations:

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Recommendations:

1. In order to avoid undesired and/or allergenic effects due to remains of the discharge agent, the garments or fabrics printed with this product must be washed before packing or must have a tag indicating that the piece has to be washed before its first use.
2. It is necessary to stir the product before printing.
3. Due to the nature of this product and additives, as well as to the multiple factors that may affect the performance (knit, dyeing, environmental temperature, curing temperature, relative humidity, hydrophility, etc.), the final color obtained during production may present variations.
It is necessary to stir the product before printing.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.
The information on this Technical Data Sheet is based on our good faith and experience, therefore, it does not constitute in any way implicit or explicit warranty or liability due to the multiple ways, factors, application conditions and variety of existing fibers and materials beyond our control. The user must determine the applicability and the adaptability of the product for his particular intended use verifying all the properties and features described on this Technical Data Sheet, assuming for it all the risks, damages and consequences direct and indirect that this use supposes. Refer to the website for the latest version of this data sheet before using the product. All previous editions of this version and revision date are void.

Technical Table	
Version	7.0 Rev. 25/08/2015
Application	Screen Printing
Nature	Waterbase textile base
Substrate	100% dyed cotton with reactive or corroibles dyes.
Emulsion	Direct
Mesh N°	43 (th/cm) 110 (th/in)
Squeegee - Type	Polyurethane
Squeegee - Durometer	60
Squeegee - Profile	Square
Curing	Dryer: 160° C (320°F) / 60s --
Related Additives	--
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request
Presentation	Container: plastic. Modality: 4 kg Bucket, 20 kg Bucket, 200 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

PHT-FREE: Phthalate-free.

Is the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.
The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

Others

Discharge Pgm HR

Discharge

Discharge Pgm HR, are a complete range of concentrate pigments (discharge) of PRINTOP®. It has been specially formulated in order to obtain several colors discharge finish. Its main quality is that it doesn't present migration nor efflorescence. It must be mixed with Discharge Base 100 and DCH Classic Activator ZF (see TDS). The garment must be 100% dyed cotton with reactive or corroibles dyes.

Main Features:

- High performance.
- No migration nor efflorescence.
- Several colors range.

Tips/Directions:

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Suggested Formulations:

Normal colors:

1kg -> Discharge Base 100

60g (6%) -> Discharge Pgm HR (colors)

50g a 100g (5 a 10%) -> DCH Classic Activator ZF

Discharge Pgm HR Products :

	Code	Product
1	P6954	Discharge Pgm Yellow SG-HR
2	P7273	Discharge Pgm Red 27-HR
3	P6883	Discharge Pgm Red 39-HR
4	P7601	Discharge Pgm Green 27-HR
5	P6876	Discharge Pgm Blue 54-HR
6	P8820	Discharge Pgm Violet 03-HR
7	P6956	Discharge Pgm Black 60-HR
8	P6877	Discharge Pgm Negro 60-HR

Observations:

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Recommendations:

1. First, homogenize the Base with the pigment before adding the Agent.
 2. The mixture (Base + Agent) last 6 hours; after this time the product will be losing its effectiveness.
 3. Due to the nature of this product and additives, as well as to the multiple factors that may affect the performance (knit, dyeing, environmental temperature, curing temperature, relative humidity, hydrophility, etc.), the final color obtained during production may present variations.
- It is necessary to stir the product before printing.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

The information on this TDS is based on our good faith and experience, therefore, it does not constitute in any way implicit or explicit warranty or liability due to the multiple ways, factors, application conditions and variety of existing fibers and materials beyond our control. The user must determine the applicability and the adaptability of the product for his particular intended use verifying all the properties and features described on this Technical Data Sheet, assuming for it all the risks, damages and consequences direct and indirect that this use supposes. Refer to the website for the latest version of this data sheet before using the product. All previous editions of this version and revision date are void.

Technical Table	
Version	1.0 Rev. 24/11/2015
Application	Screen Printing
Nature	Waterbase textile pigment
Substrate	100% dyed cotton with reactive or corroibles dyes
Emulsion	
Mesh N°	--
Squeegee - Type	--
Squeegee - Durometer	--
Squeegee - Profile	--
Curing	--
Related Additives	--
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 20 kg Bucket, 25 kg Bucket, 5 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

PHT-FREE: Phthalate-free.

Is the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

Discharge Pgm

Discharge

Discharge Pgm, are a complete set of concentrated pigments (discharge) from PRINTOP®. It has been specially formulated to obtain discharge finish of many colors. It must be mixed with Discharge Base 100 and DCH Classic Activator ZF (see TDS). The fabric must be 100% cotton dyeing with reactive or corroibles dyes. Presents slight migration and efluorescence.

Main Features:

- High performance.
- Varied range of colors.

Tips/Directions:

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Suggested Formulations:

Normal colors:

1kg -> Discharge Base 100

60g (6%) -> Discharge pgm (colors)

50g to 100g (5% to 10%) -> DCH Classic Activator ZF

--> This mixture contains formaldehyde.

White color:

1kg -> Discharge Base 100

100g (10%) -> Discharge Pgm White

50g to 100g (5% to 10%) -> DCH Classic Activator ZF

--> This mixture contains formaldehyde.

Discharge Pgm Products :

	Code	Product
1	P6854	Discharge Pgm Yellow LH
2	P6857	Discharge Pgm Yellow S41
3	P6853	Discharge Pgm Naranja VDP
4	P6859	Discharge Pgm Burgundy EM
5	P6860	Discharge Pgm Red HD2
6	P6873	Discharge Pgm Green
7	P6875	Discharge Pgm Blue LM
8	P8801	Discharge Pgm Blue NMA
9	P6855	Discharge Pgm Violet XZ
10	P6874	Discharge Pgm Black
11	P6923	Discharge Pgm Yellow FL
12	P6924	Discharge Pgm Orange FL
13	P6921	Discharge Pgm Pink FL
14	P6922	Discharge Pgm Fuchsia FL
15	P6893	Discharge Pgm White
16	P9553	Discharge Pgm Rojo MT II

Observations:

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Recommendations:

1. Homogenize well the base with the pigment before adding the agent.
2. The mixture Base + Pigment + Agent, will last 6 hours, after this time the product will be loosing its effectiveness. When doing the mix, mix first, the base + agent and then add the pigment. To obtain higher wash resistance add HTX Fixer Fix up to 2%.
3. Due to the nature of this product and additives, as well as to the multiple factors that may affect the performance (knit, dyeing, environmental temperature, curing temperature, relative humidity, hydrophility, etc.), the final color obtained during production may present variations.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

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Technical Table	
Version	5.0 Rev. 24/11/2015
Application	Screen Printing
Nature	Waterbase textile pigment
Substrate	100% dyed cotton with reactive or corroibles dyes
Emulsion	
Mesh N°	--
Squeegee - Type	--
Squeegee - Durometer	--
Squeegee - Profile	--
Curing	--
Related Additives	--
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 20 kg Bucket, 25 kg Bucket, 5 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

PHT-FREE: Phthalate-free.

Is the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

Silicone

Silextreme®
High
performance silicone
screenprinting inks

Atomix

SXT PC Atomix Opaque Mix Base 200

P9060 - Silextreme® High-performance Silicone Screenprinting Inks

SXT PC Atomix Opaque Mix Base 200, is a silicone textil base belonging to PRINTOP®'s Silextreme® Series, it is especially formulated to be mixed with the pigments of SXT PC Atomix and improve its opacity over dark fabrics without changing the color intensity.

Main Features:

- Adherence on materials usually difficult.
- Allows to obtain colors with good opacity.
- Flexible ink film, it won't harden the fabric.
- Elastic ink film.
- Very good supply print with ability to stretch and regain its original shape.
- Soft hand.

Tips/Directions:

Apply one layer, pre-dry, repeat and cure

Formulation:

See Atomix® Software.

Observations:

- The mixture of the ink with additives has 3 days self life time in properly closed containers and 3 hours when used with automatic machines (time may vary depending on the environment temperature).

- Inks requires more pre-dry (flash) time compared to plastisol inks.

- Do not apply on dyed substrates with sulphur dyes since you won't have adhesiveness.

Recommendations:

Make the screen according to the following guidelines: apply a double layer of emulsion on both sides of the screen, make another double layer on the print side, dry and expose.

Technical Table	
Version	1.0 Rev. 18/03/2015
Application	Screen Printing
Nature	Silicone textile base
Substrate	Lycra, 100% Polyester
Emulsion	Direct
Mesh N°	43 (th/cm) 110 (th/in)
Squeegee - Type	Polyurethane
Squeegee - Durometer	70
Squeegee - Profile	Square
Curing	Dryer: 130° C (266°F) / 60s
Thermal Transfer	--
Related Additives	--
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request
Presentation	Container: plastic. Modality: 1 kg Bucket, 20 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Free from PVC and APEO.

Formaldehyde free.

PHT-FREE: Phthalate-free.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

Is the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

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SXT PC Atomix

Silextreme® High-performance Silicone Screenprinting Inks

SXT PC Atomix, is a silicone base pigment concentrate mixing system belonging to PRINTOP®'s Silextreme® Series. It is composed of 14 pigments plus an opaque extender base that when are mixed according to Atomix® Color Matching System simulates PANTONE colors in a fast and accurate way. Its formulas and percentages are available on the Atomix® Color Matching System as well as its friendly tools to improve your printing process.

Main Features:

- Only 14 pigment concentrates + 1 opaque extender base.
- Clean and bright colors.
- Allows to obtain intense colors.

Tips/Directions:

Apply one layer, pre-dry and cure.

Formulation:

The formulas are available inside the Atomix® Software.

SXT PC Atomix Products :

	Code	Product
1	P9060	SXT PC Atomix Opaque Mix Base 200
2	P8254	SXT PC Atomix Yellow
3	P7782	SXT PC Atomix Violet
4	P7783	SXT PC Atomix Blue RQ
5	P7784	SXT PC Atomix Blue 1500
6	P7785	SXT PC Atomix Blue B
7	P7780	SXT PC Atomix Green
8	P7779	SXT PC Atomix Black
9	P7787	SXT PC Atomix White
10	P7788	SXT PC Atomix Fluo Yellow
11	P7789	SXT PC Atomix Fluo Orange
12	P7790	SXT PC Atomix Fluo Fuchsia
13	P7778	SXT PC Atomix Lemon NM
14	P7781	SXT PC Atomix Red NM
15	P7786	SXT PC Atomix Magenta NM

Observations:

- The mixture of the ink and the additives has 6 days shelf life inside a tightly closed container and 3 hours when printing with automatic machines (times may vary depending on environment temperature).
- The ink requires more pre-dry time (flash) compared to plastisol inks.
- Printop's Atomix® all-in-one mixing ink formulations produce only simulations for Pantone Colors. The accuracy of the colors may be affected by the ink film thickness, opacity, metamerism and pigment selection. Pantone Inc. assumes no responsibility for formula accuracy. PANTONE® and other Pantone, Inc. trademarks are the property of Pantone, Inc. Portions © Pantone, Inc., 2007.
- Do not apply on dyed substrates with sulfur dyes since you won't have adhesiveness.

Recommendations:

- Make the screen according to the following guidelines: apply a double layer of emulsion on both sides of the screen, make another double layer on the print side, dry and expose.
- Carefully read the Atomix manual before using the product.
- The internal technical specification used at Printop® for the SXT PC Atomix formulas approval are the following: Mesh N° 43 (th/cm) 110(th/in), strength 20 Newton's, out of contact: 2mm, 70 durometer (shore) squeegee with square profile, one stroke on white 100% cotton jersey. Colors were approved under fluorescents 6500K (D65-day light). This specification must be taken into account in order to obtain similar results. PRINTOP® and its partners do not assume any responsibility for the color obtained.
- The SXT PC Atomix formulas must be weighed on a scale with 0.01 gram of accuracy for batches less than 1kg and 0.1 gram accuracy for batches higher than 1kg.
- The variety of colors, types of substrates, mesh count and ink deposit may cause variations in the color intensity and opacity. You can create and maintain your own color library by adjusting the formulas to your internal printing parameters.

Technical Table	
Version	4.0 Rev. 18/03/2015
Application	Screen Printing
Nature	Textile Pigment Silicone Base
Substrate	100 % Lycra
Emulsion	
Mesh N°	--
Squeegee - Type	--
Squeegee - Durometer	--
Squeegee - Profile	--
Curing	Dryer: 130°C(266°F)/60s. Room temperature: 24 hours.
Thermal Transfer	--
Related Additives	--
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 5 GI Bucket
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Free from PVC and APEO.

PHT-FREE: Phthalate-free.

Free from Formaldehyde and Organotin compounds.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

Is the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.
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Whites

SXT Elasti-White 200

P9059 - Silextreme® High-performance Silicone Screenprinting Inks

SXT Elasti-White 200, is a silicone textile ink belonging to the Silextreme® Series from Printop®. It is formulated to achieve super-elastic, very bright prints on a wide variety of synthetic substrates. It also exhibits a high degree of adherence and durability and cures at a lower temperature than the normal one. Its low cure temperature makes it ideal for substrates that normally have adverse reactions to high temperatures, such as shrinkage, yellowing, dye-migration, etc. Silextreme® is a three-component system and is suitable for both manual and automatic printing and, unlike other technologies for printing on synthetics, can be ironed. Because of the variance in different synthetic substrates, it is recommended to always test it for desired properties before making a production run.

Main Features:

- High elongation.
- High adherence in materials usually difficult.
- Noticeable energy saving.
- High opacity over dark garments.
- Flexible ink film, it won't harden the fabric.
- Soft hand.
- Fast curing.

Tips/Directions:

Apply one layer, pre-dry, repeat and cure.

Formulation:

1kg -> SXT Elasti-White 200
20-30g (2-3%) -> SXT Catalyst 9600
40-50g (4-5%) -> SXT Retardant 9608

Observations:

- The mixture of inks and additives has usually 3 days self life time in closed containers and 3 hours when used with automatic machines (times may vary depending on environment temperature).

- The ink requires more pre-dry (flash) time compared to plastisol inks.

- Do not apply on dyed substrates with sulfur dyes since you will not have adhesiveness.

Recommendations:

Make the screen according to the following guidelines: apply a double layer of emulsion on both sides of the screen, make another double layer on the print side, dry and expose.

Technical Table	
Version	1.0 Rev. 18/03/2015
Application	Screen Printing
Nature	Silicone textile ink
Substrate	Lycra, 100% Polyester
Emulsion	Direct
Mesh N°	32 – 43 (th/cm) 83 – 110 (th/in)
Squeegee - Type	Polyurethane
Squeegee - Durometer	70
Squeegee - Profile	Square
Curing	Dryer: 130° C (266°F) / 60s
Thermal Transfer	--
Related Additives	--
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

PHT-FREE: Phthalate-free.

Free from Formaldehyde and Organotin compounds.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

Is the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

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Specialty Bases

SXT 3D Mix Base 200

P9064 - Silextreme® High-performance Silicone Screenprinting Inks

SXT 3D Mix Base 200, is a silicone textile base belonging to Printop®'s Silextreme® series. It is specially formulated to be mixed with concentrated pigments and obtain super-elastic printings of three-dimensional finish with good coverage on dark fabrics. It also exhibits a high degree of adherence and durability and cures at a lower temperature than the normal one. Its low cure temperature makes it ideal for substrates that normally have adverse reactions to high temperatures, such as shrinkage, yellowing, dye-migration, etc. Silextreme® is a three-component system and is suitable for both manual and automatic printing.

Main Features:

- Silicone three-dimensional finish of defined cut.
- Fast cure.
- High elongation.
- Noticeable energy saving.
- Flexible ink film, it won't harden the fabric.
- Soft hand.

Tips/Directions:

Apply one layer, pre-dry, repeat and cure. Several layers can be applied to obtain a larger three-dimensional effect.

Formulation:

1kg -> SXT 3D Mix Base 200
60g (6%) -> SXT PC Atomix
30g (3%) -> SXT Catalyst 9600
50g (5%) -> SXT Retardant 9608

Observations:

- The mixture of inks and additives has usually 3 days self life time in tightly closed containers and 3 hours when used with automatic machines (times may vary depending on environment temperature).

- The ink requires more pre-dry (flash) time compared to plastisol inks.

- Do not apply on dyed substrates with sulfur dyes since you will not have adhesiveness.

Recommendations:

Because of the variance in different synthetic substrates, it is recommended to always test it before making a production run.

Technical Table	
Version	1.0 Rev. 18/03/2015
Application	Screen Printing
Nature	Silicone textile base
Substrate	Lycra, 100% Polyester
Emulsion	Capillary 250 microns
Mesh N°	32 (th/cm) 83 (th/in)
Squeegee - Type	Polyurethane
Squeegee - Durometer	70
Squeegee - Profile	Square
Curing	Dryer: 130° C (266°F) / 60s
Thermal Transfer	--
Related Additives	--
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Free from PVC and APEO.

Formaldehyde free.

PHT-FREE: Phthalate-free.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

Is the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

The information on this Technical Data Sheet is based on our good faith and experience, therefore, it does not constitute in any way implicit or explicit warranty or liability due to the multiple ways, factors, application conditions and variety of existing fibers and materials beyond our control. The user must determine the applicability and the adaptability of the product for his particular intended use verifying all the properties and features described on this Technical Data Sheet, assuming for it all the risks, damages and consequences direct and indirect that this use supposes. Refer to the website for the latest version of this data sheet before using the product. All previous editions of this version and revision date are void.

SXT Neutral Mix Base 200

P9066 - Silextreme® High-performance Silicone Screenprinting Inks

SXT Neutral Mix Base 200, is a mix base belonging to Printop®'s Silextreme® series. It is formulated to be mixed with concentrated pigments and obtain super-elastic and very glossy prints on a wide variety of synthetic substrates. It also exhibits a high degree of adherence and durability and cures at a lower temperatures than the normal ones. Its low cure temperature makes it ideal for substrates that normally have adverse reactions to high temperatures, such as shrinkage, yellowing, dye-migration, etc. Silextreme® is a three-component system and is suitable for both manual and automatic printing and, unlike other technologies for printing on synthetics, it can be ironed. Because of the variance in different synthetic substrates, it is recommended to always test it for desired properties before making a production run.

Main Features:

- High elongation.
- High adherence in materials usually difficult.
- Fast curing.
- Noticeable energy saving.
- Flexible ink film, it won't harden the fabric.
- Very good supple print with ability to stretch and regain its original shape.
- Soft hand.

Tips/Directions:

Apply one layer and cure.

Formulation:

To obtain several colors:
 1kg -> SXT Neutral Mix Base 200
 40g (4%) -> SXT PC Atomix
 30g (3%) -> SXT Catalyst 9600
 50g (5%) -> SXT Retardant 9608

Observations:

- The mixture of inks and additives has usually 3 days self life time in tightly closed containers and 3 hours when used with automatic machines (times may vary depending on environment temperature).

- The ink requires more pre-dry (flash) time compared to plastisol inks.

- Do not apply on dyed substrates with sulfur dyes since you will not have adhesiveness.

Recommendations:

Make the screen according to the following guidelines: apply a double layer of emulsion on both sides of the screen, make another double layer on the print side, dry and expose.

Technical Table	
Version	1.0 Rev. 18/03/2015
Application	Screen Printing
Nature	Silicone textile base
Substrate	Lycra, 100% Polyester
Emulsion	Direct
Mesh N°	43 (th/cm) 110 (th/in)
Squeegee - Type	Polyurethane
Squeegee - Durometer	70
Squeegee - Profile	Square
Curing	Dryer: 130° C (266°F) / 60s
Thermal Transfer	--
Related Additives	--
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Free from PVC and APEO.

Formaldehyde free.

PHT-FREE: Phthalate-free.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

Is the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

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SXT Opaque Mix Base 200

P9065 - Silextreme® High-performance Silicone Screenprinting Inks

SXT Opaque Mix Base 200, is a silicone textile base belonging to Printop®'s Silextreme® series. It is formulated to be pigmented and obtain good opacity on dark garments with high levels of synthetic fabrics, it has an extraordinary stretchability and resistance. It also exhibits good adherence and durability. The ink cures at low temperature, which allows to print on fabrics with migration problems controlling or avoiding substrates dye migration that usually stains the layer of printed ink. The ink is a three-component system and is suitable for both manual and automatic printing. Always make a printing test on synthetic materials to verify adherence and expected properties. One of its extraordinary properties is to be ironed at high temperature without melting.

Main Features:

- High elongation.
- High adherence on materials usually difficult.
- Fast cure.
- Good stretchability.
- Flexible ink film, it won't harden the fabric.
- Very good supple print with ability to stretch and regain its original shape.
- Soft hand.
- Noticeable energy saving.

Tips/Directions:

Apply one layer, pre-dry, repeat and cure.

Formulation:

To obtain several colors:
 1kg -> SXT Opaque Mix Base 200
 100g (10%) -> SXT PC Atomix
 30g (3%) -> SXT Catalyst 9600
 50g (5%) -> SXT Retardant 9608

Observations:

- The mixture of inks and additives has usually 3 days self life time in tightly closed containers and 3 hours when used with automatic machines (times may vary depending on environment temperature).

- The ink requires more flash time compared to plastisol inks.

- Do not apply on dyed substrates with sulfur dyes since you will not have adhesiveness.

Recommendations:

Make the screen according to the following guidelines: apply a double layer of emulsion on both sides of the screen, make another double layer on the print side, dry and expose.

Technical Table	
Version	1.0 Rev. 18/03/2015
Application	Screen Printing
Nature	Silicone textile base
Substrate	Lycra, 100% Polyester
Emulsion	Direct
Mesh N°	43 (th/cm) 110 (th/in)
Squeegee - Type	Polyurethane
Squeegee - Durometer	70
Squeegee - Profile	Square
Curing	Dryer: 130° C (266°F) / 60s
Thermal Transfer	--
Related Additives	--
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Free from PVC and APEO.

Formaldehyde free.

PHT-FREE: Phthalate-free.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

Is the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

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SXT Shimmer Base 200

P9063 - Silextreme® High-performance Silicone Screenprinting Inks

SXT Shimmer Base 200, is a metallic silicone textile base belonging to Printop®'s Silextreme® series. It is formulated to be mixed with concentrated pigments and obtain super-elastic, very glossy prints (sparks) on a wide variety of synthetic substrates. These "sparks" maintain their original gloss even after being pigmented. It also exhibits a high degree of adherence and durability and cures at a lower temperature than the normal one. Its low cure temperature makes it ideal for substrates that normally have adverse reactions to high temperatures, such as shrinkage, yellowing, dye-migration, etc. Silextreme® is a three-component system and is suitable for both manual and automatic printing.

Main Features:

- High elongation.
- Fast cure.
- Good adherence.
- Noticeable energy saving.
- Flexible ink film, it won't harden the fabric.
- Very good supple print with ability to stretch and regain its original shape.
- Soft hand.
- Silicone shining finish.

Tips/Directions:

Apply one layer, pre-dry, repeat and cure.

Formulation:

1kg -> SXT Shimmer Base 100
40g (4%) -> SXT PC Atomix
30g (3%) -> SXT Catalyst 9600
50g (5%) -> SXT Retardant 9608

Observations:

- The mixture of inks and additives has usually 3 days self life time in tightly closed containers and 3 hours when used with automatic machines (times may vary depending on environment temperature).
- The ink requires more flash time compared to plastisol inks.
- Do not apply on dyed substrates with sulfur dyes since you will not have adhesiveness.

Recommendations:

Make the screen according to the following guidelines: apply a double layer of emulsion on both sides of the screen, make another double layer on the print side, dry and expose.
Because of the variance in different synthetic substrates, it is recommended to always test it for desired properties before making a production run.

Technical Table	
Version	1.0 Rev. 18/03/2015
Application	Screen Printing
Nature	Silicone textile base
Substrate	Lycra, 100% Polyester
Emulsion	Direct
Mesh N°	32 (th/cm) 83 (th/in)
Squeegee - Type	Polyurethane
Squeegee - Durometer	70
Squeegee - Profile	Square
Curing	Dryer: 130° C (266°F) / 60s
Thermal Transfer	--
Related Additives	--
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Free from PVC and APEO.

Formaldehyde free.

PHT-FREE: Phthalate-free.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

Is the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

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Specialty Products

SXT Shimmer Silver 200

P9061 - Silextreme® High-performance Silicone Screenprinting Inks

SXT Shimmer Silver 200, is a silicone textile ink belonging to Printop®'s Silextreme® series. It is formulated to achieve super-elastic, silver color with semi-glossy finish on a wide variety of synthetic substrates. It also exhibits a high degree of adherence and durability and cures at a lower temperature than the normal one. Its low cure temperature makes it ideal for substrates that normally have adverse reactions to high temperatures, such as shrinkage, yellowing, dye-migration, etc. Silextreme® is a three component system and is suitable for both manual and automatic printing.

Main Features:

- Semi-glossy silver silicone finish.
- High elongation.
- Fast cure.
- Noticeable energy saving.
- Flexible ink film, it won't harden the fabric.
- Very good supply print with ability to stretch and regain its original shape.
- Soft hand.

Tips/Directions:

Light fabric: Apply one layer, pre-dry and cure.

Dark fabric: Apply one layer, pre-dry, repeat and cure.

Formulation:

1kg -> SXT Shimmer Silver 200

30g (3%) -> SXT Catalyst 9600

50g (5%) -> SXT Retardant 9608

Observations:

- The mixture of the ink and the additives has usually 3 days self life time in closed containers and 3 hours when used with automatic machine (times may vary depending on environment temperature).

- The ink requires more pre-dry (flash) time compared to plastisol inks.

- Do not apply on dyed substrates with sulfur dyes since you will not have adhesiveness.

Recommendations:

Make the screen according to the following guidelines: apply a double layer of emulsion on both sides of the screen, make another double layer on the print side, dry and expose.

Because of the variance in different synthetic substrates, it is recommended to always test it before making a production run.

It is necessary to stir the product before printing.

Technical Table	
Version	1.0 Rev. 18/03/2015
Application	Screen Printing
Nature	Silicone textile ink
Substrate	Lycra, 100% Polyester
Emulsion	Direct
Mesh N°	43 (th/cm) 110 (th/in)
Squeegee - Type	Polyurethane
Squeegee - Durometer	70
Squeegee - Profile	Square
Curing	Dryer: 130° C (266°F) / 60s
Thermal Transfer	--
Related Additives	--
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 20 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Free from PVC and APEO.

PHT-FREE: Phthalate-free.

Free from Formaldehyde and Organotin compounds.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

Is the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

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SXT Shimmer Gold 200

P9062 - Silextreme® High-performance Silicone Screenprinting Inks

SXT Shimmer Gold 200, is a silicone textile ink belonging to Printop®'s Silextreme® series. It is formulated to achieve super-elastic, gold color with semi-glossy finish on a wide variety of synthetic substrates. It also exhibits a high degree of adherence and durability and cures at a lower temperature than the normal one. Its low cure temperature makes it ideal for substrates that normally have adverse reactions to high temperatures, such as shrinkage, yellowing, dye-migration, etc. Silextreme® is a three component system and is suitable for both manual and automatic printing.

Main Features:

- Semi-glossy gold silicone finish.
- High elongation.
- Fast cure.
- Noticeable energy saving
- Flexible ink film, it won't harden the fabric.
- Very good supple print with ability to stretch and regain its original shape.
- Soft hand.

Tips/Directions:

Light fabric: Apply one layer, pre-dry and cure.

Dark fabric: Apply one layer, pre-dry, repeat and cure.

Formulation:

1kg -> SXT Shimmer Gold 200

30g (3%) -> SXT Catalyst 9600

50g (5%) -> SXT Retardant 9608

Observations:

- The mixture of the ink and the additives has usually 3 days self life time in closed containers and 3 hours when used with automatic machine (times may vary depending on environment temperature).

- The ink requires more pre-dry (flash) time compared to plastisol inks.

- Do not apply on dyed substrates with sulfur dyes since you will not have adhesiveness.

Recommendations:

Make the screen according to the following guidelines: apply a double layer of emulsion on both sides of the screen, make another double layer on the print side, dry and expose.

Because of the variance in different synthetic substrates, it is recommended to always test before making a production run.

It is necessary to stir the product before printing.

Technical Table	
Version	1.0 Rev. 18/03/2015
Application	Screen Printing
Nature	Silicone textile ink
Substrate	Lycra, 100% Polyester
Emulsion	Direct
Mesh N°	43 (th/cm) 110 (th/in)
Squeegee - Type	Polyurethane
Squeegee - Durometer	70
Squeegee - Profile	Square
Curing	Dryer: 130° C (266°F) / 60s
Thermal Transfer	--
Related Additives	--
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 20 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Free from PVC and APEO.

PHT-FREE: Phthalate-free.

Free from Formaldehyde and Organotin compounds.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

Is the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

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SXT (Colores) RFU 200

Silextreme® High-performance Silicone Screenprinting Inks

SXT (Colores) RFU 200, is a group of silicone textile base belonging to Printop®'s Silextreme® series. It has established colors and lists to print over fabrics or light and dark substrates with high levels of elastic fiber. It has excellent tensile strength and stretchability. It also exhibits a high degree of adherence and durability and cures at low temperature. The ink has three components and is suitable for both manual and automatic printing. It is recommended to always test it to verify adherence and desired properties. One of the excellent properties is to be ironed at high temperature without melting.

Main Features:

- High elongation.
- Fast cure.
- Noticeable energy saving.
- Flexible ink film, it won't harden the fabric.
- Soft hand.

Tips/Directions:

Apply one layer, pre-dry, repeat and cure.

Formulation:

1kg -> SXT Colores RFU 200
30g (3%) -> SXT Catalyst 9600
50g (5%) -> SXT Retardant 9608

SXT (Colores) RFU 200 Products :

	Code	Product
1	P9068	SXT Yellow RFU 200
2	P9071	SXT Red RFU 200
3	P9070	SXT Blue RFU 200
4	P9069	SXT Black RFU 200

Observations:

- The mixture of the base and the additives has 3 days self life period in a tightly closed container and 3 hours when used with automatic machine (times may vary depending on environment temperature).

- The ink requires more pre-dry (flash) time compared to plastisol inks.

- Do not apply on dyed substrates with sulfur dyes since you will not have adhesiveness.

Recommendations:

Make the screen according to the following guidelines: apply a double layer of emulsion on both sides of the screen, make another double layer on the print side, dry and expose.

Technical Table	
Version	1.0 Rev. 18/03/2015
Application	Screen Printing
Nature	Silicone textile ink
Substrate	Lycra, 100% Polyester
Emulsion	Direct
Mesh N°	43 (th/cm) 110 (th/in)
Squeegee - Type	Polyurethane
Squeegee - Durometer	70
Squeegee - Profile	Square
Curing	Dryer: 130° C (266°F) / 60s
Thermal Transfer	--
Related Additives	--
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket, 20 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Free from PVC and APEO.

Formaldehyde free.

PHT-FREE: Phthalate-free.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

Is the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

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SXT Top Coat Gel 200

P9305 - Silextreme® High-performance Silicone Screenprinting Inks

SXT Top Coat Gel 200, is a silicone textile ink belonging to high gloss Printop®'s Silextreme® series. It is used to provide a silicone high glossy finish outstanding more the tones. This product is designed to overprint exclusively on SXT Colors or pigmented bases. The ink cures at low temperature. The ink is composed of two components for both manual and automatic printing.

Main Features:

- High glossy finish.
- High adherence in materials usually difficult.
- High elongation.
- Very good supple print with ability to stretch and regain its original shape.
- Film of dry ink, no sticky.

Tips/Directions:

Apply over a layer of SXT Colors, pre-dry, repeat and cure.

Formulation:

1.000 kg -> SXT Top Coat Gel 200

30g (3%) -> SXT Catalyst 9600 or SXT Catalyst 200

Observations:

- The mixture of the base and SXT Catalyst 9600 has 3 days self life in a tightly closed container and 3 hours when used with automatic machine (times may vary depending on environment temperature).

- The ink requires more pre-dry (flash) time compared to plastisol inks.

- Do not apply on dyed substrates with sulfur dyes since you will not have adhesiveness.

Recommendations:

- Do not print directly over the fabric.
- Because of the variance in different synthetic substrates, it is recommended to always test it before making a production run.

Technical Table	
Version	1.0 Rev. 18/03/2015
Application	Screen Printing
Nature	Silicone textile ink
Substrate	Lycra, 100% Polyester
Emulsion	Capillary 100 microns
Mesh N°	43 (th/cm) 110 (th/in)
Squeegee - Type	Polyurethane
Squeegee - Durometer	70
Squeegee - Profile	Square
Curing	Dryer: 130° C (266°F) / 60s
Thermal Transfer	--
Related Additives	--
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Free from PVC and APEO.

PHT-FREE: Phthalate-free.

Free from Formaldehyde and Organotin compounds.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

Is the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Quimica Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

The information on this Technical Data Sheet is based on our good faith and experience, therefore, it does not constitute in any way implicit or explicit warranty or liability due to the multiple ways, factors, application conditions and variety of existing fibers and materials beyond our control. The user must determine the applicability and the adaptability of the product for his particular intended use verifying all the properties and features described on this Technical Data Sheet, assuming for it all the risks, damages and consequences direct and indirect that this use supposes. Refer to the website for the latest version of this data sheet before using the product. All previous editions of this version and revision date are void.

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SXT Greystop 200

Silextreme® High-performance Silicone Screenprinting Inks

SXT Greystop 200, is a silicone textile base belonging to Printop®'s Silextreme® series. This product is characterized to be a base that stops or controls substrates dye migration that usually stains the printed ink layer. The ink cures at low temperature.

Main Features:

- Stops or controls the substrates dye migration.
- High elongation.
- Flexible ink film, it won't harden the fabric.
- Soft hand.
- Noticeable energy saving.

Tips/Directions:

Print on a layer, pre-dry in "flash" or dryer, repeat; then apply the remaining colors on the printed layer and cure.

Formulation:

400g (40%) -> SXT Greystop 200 Part A
600g (60%) -> SXT Greystop 200 Part B
30g (3%) -> SXT Catalyst 9600
50g (5%) -> SXT Retardant 9608

Observations:

- The mixture of the bases and the additives has 2 days self life period in a properly closed container and 3 hours when used with automatic machine (times may vary depending on environment temperature).

- The ink requires more pre-dry (flash) time compared to plastisol inks.

- Do not apply on dyed substrates with sulfur dyes since you will not have adhesiveness.

Recommendations:

- Because of the variance in different synthetic substrates, it is recommended to always test it before making a production run.

Apply two layers of SXT Greystop 200 (with intermediate pre-dry) for severe migration cases. There could be substrate color migration towards the printed layer only with the contact of the substrate with the print. We recommend to take necessary precautions specially on stacking and packing of garments. Avoid direct contact of the print with the substrate. Effectiveness in 100% of the cases is not guaranteed due to the different conditions and types of involved dyeing/dyes.

Technical Table	
Version	1.0 Rev. 18/03/2015
Application	Screen Printing
Nature	Silicone textile base
Substrate	Lycra, 100% Polyester
Emulsion	Direct
Mesh N°	43 (th/cm) 110 (th/in)
Squeegee - Type	Polyurethane
Squeegee - Durometer	70
Squeegee - Profile	Square
Curing	Dryer: 130° C (266°F) / 60s
Thermal Transfer	--
Related Additives	--
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request
Presentation	Container: plastic. Modality: 1 kg Bucket, 4 kg Bucket
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Free from PVC and APEO.

PHT-FREE: Phthalate-free.

Free from Formaldehyde and Organotin compounds.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

Is the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

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Additives

SXT Viscosity Reducer Additive 200

P9072 - Silextreme® High-performance Silicone Screenprinting Inks

SXT Viscosity Reducer Additive 200, is a silicone textile additive belonging to PRINTOP®'s Silextreme® Series. It is specially formulated to reduce viscosity or thickness on Silextreme® inks. When adding SXT Viscosity Reducer Additive 200 doesn't affect ink's original properties on adherence and elasticity.

Main Features:

- Do not alter ink original properties on adherence and elasticity.
- Allow to increase printing speed and squeegee press.
- Liquid product.

Tips/Directions:

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Formulation:

1 kg -> SXT inks (Silextreme)
 40-100g (4-10%) -> SXT Viscosity Reducer Additive 200.
 20-30g (2-3%) -> SXT Catalyst 9600
 40-50g (4-5%) -> SXT Retardant 9608

Observations:

- The mixture of inks and additives has usually 3 days self life time in closed containers and 3 hours when used with automatic machines (times may vary depending on environment temperature).

- The ink will require more pre-dry (flash) times compared to plastisol inks.

- Do not apply on dyed substrates with sulfur dyes since you won't have adhesiveness.

Recommendations:

Make the screen according to the following guidelines: apply a double layer of emulsion on both sides of the screen, make another double layer on the print side, dry and expose.

Technical Table	
Version	1.0 Rev. 18/03/2015
Application	Screen Printing
Nature	Textile Additive Silicone Base
Substrate	--
Emulsion	
Mesh N°	--
Squeegee - Type	--
Squeegee - Durometer	--
Squeegee - Profile	--
Curing	--
Thermal Transfer	--
Related Additives	--
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request
Presentation	Container: plastic. Modality: 1lt HDPE cont, 250 g Bottle, 100 g Bottle
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Free from PVC and APEO.

PHT-FREE: Phthalate-free.

Free from Formaldehyde and Organotin compounds.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

Is the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

The user should perform their own tests to determine and verify the chemical content of its printings and all stated in these data sheets before mass production ensuring compliance with the requirements of their customers regarding chemical content. Due to the many possible contamination sources, SQASA (Sociedad Química Alemana S.A.) and their dealers do not assume any direct or indirect liability for damages or losses because of chemical contents.

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SXT Matting Additive 200

P9082 - Silextreme® High-performance Silicone Screenprinting Inks

SXT Matting Additive 200, is a silicone textile additive belonging to PRINTOP®'s Silextreme® Series. It is especially formulated to reduce gloss or "matt" Silextreme® inks. When adding SXT Matting Additive doesn't affect the original adherence and elasticity properties of the ink.

Main Features:

- Matte finish.
- Soft hand.

Tips/Directions:

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Formulation:

1kg -> SXT inks (Silextreme)
 5g (0.5%) -> SXT Matting Additive 200
 20-30g (2-3%) -> SXT Catalyst 9600
 40-50g (4-5%) -> SXT Retardant 9608

Observations:

- Do not exceed the recommended percentage, because it could affect ink shelf life.
- Do not apply on dyed substrates with sulfur dyes since you won't have adhesiveness.

Recommendations:

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Technical Table	
Version	1.0 Rev. 18/03/2015
Application	Screen Printing
Nature	Textile Additive Silicone Base
Substrate	--
Emulsion	
Mesh N°	--
Squeegee - Type	--
Squeegee - Durometer	--
Squeegee - Profile	--
Curing	--
Thermal Transfer	--
Related Additives	--
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request
Presentation	Container: plastic. Modality: 1lt HDPE cont, 250 g Bottle, 100 g Bottle
Best If Used Within	12 months

Chemical contents reference:

These products do not contain chemicals and phthalates intentionally, listed in most international standards and restrictions (California Assembly Bill 1108, CPSIA).

Free from PVC and APEO.

PHT-FREE: Phthalate-free.

Free from Formaldehyde and Organotin compounds.

Heavy Metals: Free of Lead(Pb), Cadmium(Cd), Chromium(Cr), Mercury(Hg), Arsenic(As), Antimony(Sb), Copper(Cu), Cobalt(Co), Nickel(Ni). Fulfill with the norm EN 71-3.

Is the user's responsibility to follow-up thoroughly and test all the textile process (knitting, dyeing, cut, print, wash, etc.) to detect the presence of possible contaminants. All the containers and tools that are in contact with the ink have to be new and previously washed to get rid of traces of chemicals.

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Annexed

Emulsion Remover FT Powder

P464 - Annexed

Emulsion Remover FT Powder, is a powder product that must be mixed with water. It has been designed to remove photographic emulsion from screen printing frames. The frame needs to be soaked in it for 10 minutes approximately, however consider that in some cases the time could be higher depending on the photographic emulsion type and application as well as how old it is.

Main Features:

- High effectiveness.
- Fast action.

Tips/Directions:

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Suggested Formulations:

100 gr -> Emulsion Remover FT Powder
4 lt -> Water

Observations:

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Recommendations:

Use gloves when handling the product.
It is necessary to stir the product before printing.

Version	1.0 Rev. 04/11/2008
Application	Screen Printing
Nature	Plastisol textile ink
Substrate	--
Emulsion	--
Mesh N°	--
Squeegee - Type	--
Squeegee - Durometer	--
Squeegee - Profile	--
Curing	--
Thermal Transfer	--
Related Additives	--
Storage	Store in a cool and dry environment from 65°F to 95°F (18°C to 35°C). Keep container tightly closed to prevent from drying and/or contamination.
MSDS	Available on request
Presentation	--
Best If Used Within	12 months

IMPORTANT: The user must perform always a complete test of finishes, color shades, curing and washing prior to undertake a production run.

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